

SHEET METAL PRODUCTS

MASTER CATALOG

NO. 500

<INLAND> STEEL PRODUCTS COMPANY

MITTER CONDUCTOR DIDE 9 ACCESSORIES (Dm. 2 14)

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MILCOR REG. U. S. PAT. OFF.

SHEET METAL PRODUCTS

MASTER CATALOG NO. 500

containing information on

MILCOR RAIN CARRYING EQUIPMENT

Style "K" Box Gutter and Accessories; Half-Round Gutter and Accessories; Corrugated Round, Plain Round and Corrugated Square Conductor Pipe and Accessories; Ridge Roll and Finials; Continuous Hip Shingles and Starters; Formed Valley and Roll Valley; Roof Edging; Zinc Siding Trim; Metal Building Corners; Metal Barn Batten.

MILCOR HEATING & VENTILATING MATERIALS

Galvanized Furnace Pipe and Accessories; Galvanized Wall Stack and Fittings; Galvanized Forced Air Pipe and Fittings; Extended Plenum System; 4-Inch Pipe System; Perimeter Heating System; Registers, Intakes and Furnace Accessories; Revolving and Gravity Ventilators; Louver Ventilators.

MILCOR ROOFING, SIDING & ACCESSORIES

Galvanized and Black Sheets; Copper Sheets, Strips and Rolls; Steel Roof Deck; 4-Way Safety Plate; Two-Drain Channel Roofing and Accessories; Non-Syphoning Corrugated Roofing and Accessories; 5-V Crimp Roofing; Corrugated Elevator Siding; Imperial Pressed Brick Siding; Self-Cap Roll Roofing; Roofing Tools, Nails and Accessories.

<INLAND>STEEL PRODUCTS COMPANY



STYLE "K" BOX GUTTER

MANUFACTURED IN 10 FOOT LENGTHS PACKED 25 LENGTHS PER CARTON

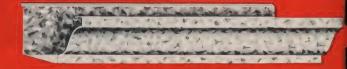
Style "K" Box Gutter is preferred over all other types because it adds to the appearance of all architectural styles and forms a very efficient rain carrying system. Precision made from the finest materials. Hemmed edge for extra strength and rigidity.

LIST PRICES PER LINEAL FOOT - WEIGHTS PER 1000 FEET

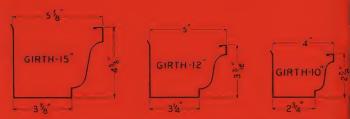
				ALVANIZ R TONC	ZED STEEL ZAN IRON				
		2	28 Gauge			26 Gauge			
		List Per	Per IIIIII Ft		List Per		ight 000 Ft.		
Size	Girth	Lin. Ft.	Bdled.	Carton	Lin. Ft.	Bdled.	Carton		
4"	10"	\$0.20	650	730	\$0.24	755	835		
5"	12"	.25	750	830	.31	905	985		
6"	15"	.35	975	1080	.43	1130	1235		

			V. STEEL		C	COPPER	
		24 Gauge				16 Oz.	
		List Per	Weight Per 1000 Ft.		List Per		ight 000 Ft.
Size	Girth	Lin. Ft.	Bdled.	Carton	Lin. Ft.	Bdled.	Carton
4"	10"	\$0.34	965	1045	\$1.00	835	915
5"	12"	.40	1155	1235	1.15	1000	1080
6"	15"	.53	1445	1550	1.85	1250	1355





MILCOR STYLE "K" BOX GUTTER



PROFILES - "K" GUTTER

MILCOR STYLE "K" HIGHBACK BOX GUTTER

Manufactured in 10 foot lengths. Packed 25 lengths per carton. 4" and 5", 26 gauge Highback also manufactured in 8 foot lengths.

LIST PRICES PER LINEAL FOOT - WEIGHTS PER 1000 FEET

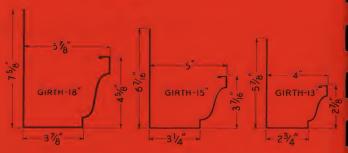
					ED STEEL AN IRON			
		2	28 Gauge			Gauge		
		List Per	Weight Per 1000 Ft.		List Per		ight 100 Ft.	
Size	Girth	Lin. Ft.	Bdled.	Carton	Lin. Ft.	Bdled.	Carton	
4"	13"	\$0.29	862	940	\$0.36	1000	1080	
5"	15"	.35	984	1024	.43	1142	1222	
6"	18"	.42	1172	1277	.50	1360	1465	

		1	6 OZ. COPPI	ER
		List Per	Weight Pe	er 1000 Ft.
Size	Girth	Lin. Ft.	Bdled.	Carton
4"	13"	\$1.40	1090	1170
5"	15"	1.85	1210	1290
6"	18"	2.00	1500	1605

B PG. 2



MILCOR STYLE "K" HIGHBACK BOX GUTTER



PROFILES - STYLE "K" HIGHBACK



OUTSIDE STYLE "K" MITRE



INSIDE STYLE "K" MITRE

MILCOR STYLE "K" MITRES

When ordering state whether INSIDE or OUTSIDE CORNERS are wanted.

LIST PRICES EACH

	GALV. STEEL			GALV. TONCAN IRON		
Size	28 Ga.	26 Ga.	28 Ga.	26 Ga.	16 Oz.	
4"	\$1.60	\$1.80	\$2.16	\$2.44	\$3.40	
5"	1.80	2.00	2.44	2.70	4.30	
6"	2.50	2.75	3.38	3.72	8.00	

All Mitres packed 20 per Carton.



"K" END CAP



"K" SLIP END CAP



ROUND



SQUARE OUTLET



"K" SLIP JOINT CONNECTION

MILCOR STYLE "K" END CAPS, OUTLETS & SLIP JOINT CONNECTIONS

LIST PRICES EACH

"K" END CAPS (Packed 100 Per Carton)

		LV. EEL		ALV. IN IRON	COPPER
Size	28 Ga.	26 Ga.	28 Ga.	26 Ga.	16 Oz.
4"	\$.17	\$.20	\$.24	\$.27	\$.76
5"	.19	.22	.26	.30	.84
6"	.22	.26	.30	.35	.98

"K" SLIP END CAPS (Packed 100 Per Carton)

- 10	JEII LIID	CATS (TUCKET TOO TE. CUITOII)	
5"		PRICES UPON APPLICATION	

SQUARE OR ROUND OUTLETS (Packed 60 Per Carton) 2" \$.36 \$.38 \$.48 \$.52 \$.64 3" .40 .42 .54 .58 .84

4"	.53	.58	.72	.78	1.06	
"K" SLIF	JOINT C	ONNECTIONS	(Packed	60 Per	Carton)	

A"	\$ 62	\$ 77	\$ 84	\$1.04	
5"	.66	.84	.90	1.14	
6''	.75	.94	.99	1.23	

C PG. 3

D PG. 3

MILCOR STYLE "K" END PIECES

LIST PRICES EACH

"K" END PIECE WITH OUTLET

	Outlet		LV. EEL		LV. N IRON	COPPER
Size	Size	28 Ga.	26 Ga.	28 Ga.	26 Ga.	16 Oz.
4"	2" or 3" Sq.; 2" Rd.	\$1.28	\$1.50	\$1.72	\$2.02	\$ 7.20
5"	3" or 4" Sq.; 3" Rd.	1.64	1.90	2.22	2.56	9.00
6"	3" or 4" Sq.; 3" Rd.	2.12	2.50	2.86	3.38	12.00

'K" RETURN END PIECE

4"	
5"	PRICES UPON APPLICATION
6"	

"K" End Pieces packed 20 per carton.



"K" END PIECE WITH OUTLET



"K" RETURN END PIECE



squ

SQUARE BEAD HANGER APPLIED



MILCOR GUTTER HANGERS, GUTTER SPIKES & FERRULES

LIST PRICES AND WEIGHTS

SQUARE BEAD GUTTER HANGERS (Packed 100 Per Carton)

	GALVANIZ	ZED STEEL	COPPER		
Size	List Per 100	Wt. Per 100	List Per 100	Wt. Per 100	
10"	\$20.50	23 lb.	\$ 70.00	22 lb.	
12"	22.50	27 lb.	90.00	28 lb.	
14"	25.00	30 lb.	100.00	31 lb.	

GUTTER SPIKES

Size	List Per 100	Wt. Per 100	No. Spikes Per 100 Lb. Keg
7" x 3/6"	\$4.50	6 lb.	1400 Pcs.
8" x 1/4"	6,30	12 lb.	900 Pcs.

FERRULES

	GALV.	STEEL	COP	PER	Packed
Size	List Price Per 100	Wt. Per Thousand	List Price Per 100	Wt. Per Thousand	Per Carton
DIZE	1 61 100	Industria	161 100	Inousund	Curion
4"	\$4.60	37 lb.	\$14.00	50 lb.	500 Pcs.
5"	6.00	47 lb.	17.00	60 lb.	500 Pcs.
6"	7.75	55 lb.	22.00	75 lb.	250 Pcs.

MILCOR HALF-ROUND GUTTER

LIST PRICES PER LINEAL FOOT - LAP JOINT

MATERIALS	Gauge	4"	5"	6"	7"
CALL CHIEF OR	28 Gα.	\$.19	\$.20	\$.25	\$.32
GALV. STEEL OR GALV. TONCAN IRON	26 Ga.	.23	.24	.31	.40
CILLY TOROLLY MON	24 Ga.	.33	.34	.40	.50
COPPER	16 Oz.	.80	.85	1.05	On Application

LIST PRICES PER LINEAL FOOT - SLIP JOINT

	SIZES					
MATERIALS	Gauge	4"	5"	6"		
GALV. STEEL OR	28 Gα.	\$.22	\$.23	\$.28		
GALV. TONCAN IRON	26 Ga.	.26	.27	.34		

WEIGHTS IN LBS. — PER 1000 FEET LAP JOINT

	GALVANIZED						COPPER
	28 G	auge	26 C	auge	24 G	auge	16 Oz.
SIZE	Bdld.	Carton	Bdld.	Carton	Bdld.	Carton	Carton
4"	530	630	640	715	820	895	785
5"	620	730	745	830	950	1035	915
6"	710	895	895	1015	1145	1265	1110
7"	905	1030	1050	1175	1335	1480	1270

Half-Round Lap Gutter packed in 100 Ft. Bundles.

SLIP JOINT

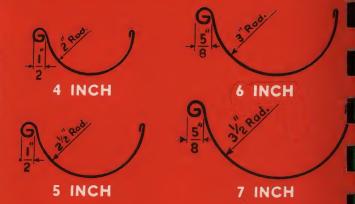
	GALVANIZED					
	28 Gauge		26 Gauge			
SIZE	Bdld.	Carton	Bdld.	Carton		
4"	530	630	645	720		
5"	630	745	765	850		
6"	710	910	920	1040		

Half-Round Slip Gutter packed and shipped in 250 ft. cartons unless Bundles are specified. If Bdls. specified, Slip Gutter packed in 100 ft. Bdls.





HALF-ROUND LAP JOINT GUTTER





HALF-ROUND SLIP JOINT GUTTER

MILCOR

ROUND TITE LOCK HANGERS FOR HALF-ROUND GUTTER

GALVANIZED STEEL — LIST PRICES AND WEIGHTS PER 100

SIZE	4"	5"	6"	7"
PRICE	\$12.50	\$14.00	\$18.50	\$22.50
Weight, Lbs. Per 100	26	28	40	48

COPPER - LIST PRICES AND WEIGHTS PER 100

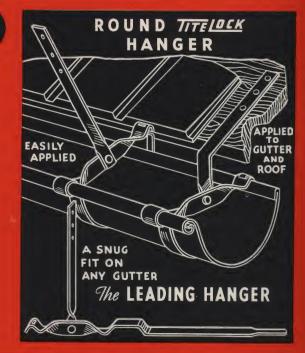
SIZE	4"	5"	6"	7''
PRICE	\$60.00	\$70.00	\$80.00	
Weight, Lbs. Per 100	28	31	45	51

Sizes 4" and 5" made from No. 16 gauge Galvanized Steel, in 8" stems and 10" stems; 6" and 7" made from No. 16 gauge Galvanized Steel, 9" stems and 12" stems.

 $4^{\prime\prime}$ and $5^{\prime\prime}$ Hangers, packed 100 per carton. $66-8^{\prime\prime}$ Stems; $34-10^{\prime\prime}$ Stems.

 $6^{\prime\prime}$ and $7^{\prime\prime}$ Hangers, packed 50 per Carton. $33-9^{\prime\prime}$ Stems; $17-12^{\prime\prime}$ Stems.

B PG. 4



MILCOR

HANGER TONGS

For use in applying gutter hangers.

PAGE 4

See page 69 for complete weight tables.









INSIDE LAP JOINT MITRE



OUTSIDE SLIP JOINT MITRE



INSIDE SLIP JOINT MITRE

MILCOR

HALF-ROUND GUTTER MITRES

When ordering state whether INSIDE or OUTSIDE CORNERS wanted.

LAP JOINT MITRES

LIST PRICES EACH

	GALV. GALV. STEEL TONCAN IRON				COPPER
SIZE	28 Ga.	26 Ga.	28 Ga.	26 Ga.	16 Oz.
4"	\$1.04	\$1.18	\$1.40	\$1.60	\$2.40
5"	1.20	1.32	1.62	1.78	2.80
6"	1.54	1.70	2.08	2.30	4.20
7"	2.30	2.50	*****		

WEIGHTS IN LBS. PER 100

		OUTSIDE		INSIDE		
SIZE	28 Gα.	26 Ga.	Copper	28 Ga.	26 Ga.	Copper
4"	70	78	78	53	58	58
5"	91	100	100	60	70	70
6"	104	119	119	83	92	92
7"	167	175	175	142	158	158

SLIP JOINT MITRES LIST PRICES EACH

	_			
		LV. EEL	GALV. TONCAN IRON	
SIZE	28 Ga.	26 Ga.	28 Ga.	26 Ga.
4"	\$1.44	\$1.60	\$1.94	\$2.16
5"	1.60	1.76	2.16	2.38
6"	1.94	2.12	2.52	2.86

WEIGHTS IN LBS. PER 100

	OUT	SIDE	INS	SIDE
SIZE	28 Ga.	26 Ga.	28 Ga.	26 Ga.
4"	79	93	75	81
5"	93	112	80	101
6"	124	143	103	110

All Mitres packed 20 per Carton.





"C" END CAP



"E" END CAP



"D" END PIECE





"S" SLIP JOINT CONNECTION

MILCOR HALF-ROUND GUTTER DROPS, ENDS & SLIP JOINTS

		LIST PR	ICES EAC	CH		
	"C" END	CAPS (P	acked 60 p	er Carton)	
		LV. EEL		ALV. IN IRON COPI		
SIZE	28 Ga.	26 Ga.	28 Ga.	26 Ga.	16 Oz.	
4"	\$.38	\$.48	\$.52	\$.66	\$.96	
5"	.40	.52	.54	.70	1.20	
6"	.48	.60	.66	.82	1.30	
7''	.58	.75		*****		
-	"E" END	CAPS (P	acked 60 p	er Carton		
4"	\$.17	\$.20	\$.24	\$.27		
5"	.19	.22	.26	.20		
6"	.22	.26	.30	.35		
4" a	\$.74	\$.90 1.06	\$1.00 1.14	\$1.22 1.44	\$2.50 2.70	
	.84		1.14	1.62	3.20	
6" 7"	.96 1.10	1.20				
в			4" Packed	60 per C	arton)	
2"	\$.25	\$.29	\$.34	\$.39	\$.72	
3"	.29	.36	.39	.48	.96	
4"	.36	.44	.48	.60	1.20	
5"	.47	.60	.64	.82	1.42	
6"	.55	.72	.74	.97	1.66	
"S" SL	IP JOINT	CONNECT	IONS (Pac	ked 60 per	Carton)	
4"	\$.31	\$.39	\$.42	\$.53	\$.64	
5"	.33	.42	.45	.57	.70	
6"	.40	.52	.54	.70	.84	
7"	.50	.65	*****		*****	

On "D" End Pieces always specify diameter desired on DROP.

- 4" D End Pieces have 2" or 3" Drops. 5" D End Pieces have 3" or 4" Drops. 6" D End Pieces have 3", 4" or 5" Drops.
- - See page 69 for complete weight tables.

GEM CIRCLES

Packed 50 to a package, including bolts, nuts and straps for holding gutter firmly in circle.

List Prices	GEM CIRCLES					
Per 100 Circles	4"	5"	6"	7"		
IRON — Black		-				
IRON — Coated	Prices Quoted on Application					
CAST BRONZE						
COPPER						



WROUGHT, MALLEABLE, COPPER CHANNEL, CAST BRONZE SHANKS

Prices Quoted on Application

No. 6 Shank is made especially to nail against OG Mouldings. The two stays are made to fit in the Cove and can be bent to suit variation.

No. 7 Shank is made to drive from 3" to 4" square in the cornice. The lower prong forms a brace for the upper and makes it very strong and firm.

No. 8 Shank is made to drive from 3" to 6" square in the cornice. This shank is intended for Eaves where the shingles project far over the cornice.

No. 9 Shank is made to drive with the pitch of the roof and is the same length as the No. 7 Shank.

No. 10 Shank is made to nail against Square Box Cornices.

No. 11 Shank is made for nailing to the side of exposed rafters. This shank is to be used for 1/3 pitch and is furnished in 4'' and 5'' drop lengths packed 60—4'' and 40—5'' to the hundred pieces.

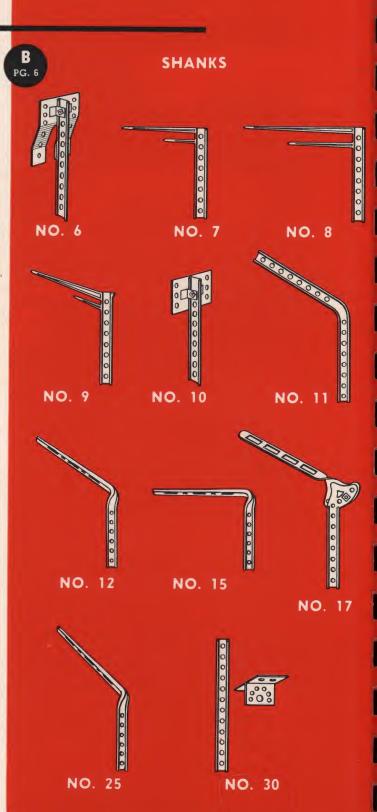
No. 12 Shank is made to fasten under the shingles or slate on 1/4 to 1/3 pitch roofs.

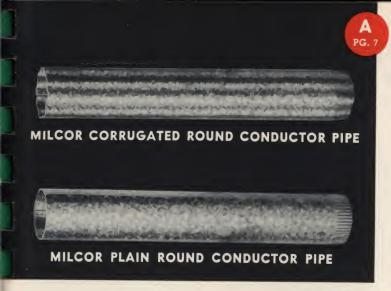
No. 15 Shank is made to fasten under shingles or slate for flat roofs.

No. 17 Shank is fastened under the shingles, the hinge and circle both adjust to every 1/8".

No. 25 Shank is made to fasten under the shingles or slate on 1/2 pitch for steep roofs.

No. 30 Shank is made especially for OG Mouldings.





MILCOR CORRUGATED ROUND AND PLAIN ROUND CONDUCTOR PIPE

Manufactured Lengths — 10 Feet Packed 25 Lengths Per Crate

MADE FROM GALVANIZED STEEL OR GALVANIZED TONCAN IRON

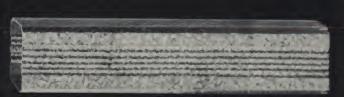
SIZE	2"	3"	4"	5"	6"
28 Gauge	\$0.18	\$0.20	\$0.28	\$0.39	\$0.50
26 Gauge	.23	.24	.34	.46	.58
24 Gauge	.33	.34	.46	.60	.72

		COPP	ER		
16 Oz.	.75	.85	1.20	1.60	2.10

WEIGHTS - PER 1000 FEET

			PLAIN	ROUND			CORRUGA:	TED ROUND	
-	Manner		Galvanized		16 Oz.	Galvanized			16 Oz.
Size	Packed	28 Ga.	26 Ga.	24 Ga.	Copper	28 Ga.	26 Ga.	24 Ga.	Copper
	Loose	410	540	690	595	525	610	770	670
2"	Crated & Nested	520	595	745	650	580	665	830	725
	Crated & Not Nested	575	650	800	705	635	720	870	780
3"	Loose	620	720	930	830	620	720	930	830
	Crated & Nested	710	810	1030	890	710	810	1030	890
	Crated & Not Nested	770	870	1090	950	770	870	1090	950
٩	Loose	820	935	1230	1095	820	935	1230	1095
4"	Crated & Nested	930	1065	1340	1170	930	1065	1340	1170
	Crated & Not Nested	1005	1140	1415	1245	1005	1140	1415	1245
	Loose	1025	1205	1540	1350	1025	1205	1540	1350
5"	Crated & Nested	1155	1320	1670	1450	1155	1320	1670	1450
	Crated & Not Nested	1255	1420	1770	1550	1255	1420	1770	1550
	Loose	1225	1430	1850	1605	1225	1430	1850	1605
6"	Crated & Nested	1365	1565	1975	1715	. 1365	1565	1975	1715
	Crated & Not Nested	1475	1675	2085	1825	1475	1675	2085	1825

B PG. 7



MILCOR CORRUGATED SQUARE CONDUCTOR PIPE



PROFILES SHOWING DIMENSIONS

MILCOR CORRUGATED SQUARE CONDUCTOR PIPE

LIST PRICES PER LINEAL FOOT
MADE FROM GALVANIZED STEEL OR
GALVANIZED TONCAN IRON

DIMENSIONS	13/4" x 21/4"	23/8" x 31/4"	23/4" x 41/4"	33/4" x 5"
28 Gauge	\$0.23	\$0.24	\$0.31	\$0.42
26 Gauge	.29	.30	.38	.50
24 Gauge		.40	.50	.65
	28 Gauge 26 Gauge	28 Gauge \$0.23 26 Gauge .29	28 Gauge \$0.23 \$0.24 26 Gauge .29 .30	28 Gauge \$0.23 \$0.24 \$0.31 26 Gauge .29 .30 .38

COPPER

1					
k	16 Oz.	.80	.95	1.25	1.70

WEIGHTS - PER 1000 FEET

	WEIGHIS	- 1 - 1	1000 11				
		CORRUGATED SQUARE					
	Manner	(Galvanize	d	16 Oz.		
Size	Packed	28 Ga.	26 Ga.	24 Ga.	Copper		
	Loose	530	615	765	675		
2"	Crated & Nested	585	670	820	730		
	Crated & Not Nested	635	720	875	780		
	Loose	630	735	950	875		
3"	Crated & Nested	740	850	1070	930		
	Crated & Not Nested	795	905	1125	985		
	Loose	840	990	1305	1145		
4"	Crated & Nested	965	1110	1395	1215		
	Crated & Not Nested	1035	1180	1465	1285		
	Loose	1105	1230	1500	1420		
5"	Crated & Nested	1205	1385	1675	1515		
	Crated & Not Nested	1295	1475	1780	1605		

MILCOR

CORRUGATED ROUND AND PLAIN ROUND CONDUCTOR PIPE ELBOWS AND SHOES

LIST PRICES EACH - ELBOWS

	SIZE	2"	3"	4"	5"	6"
GALVANIZED	28 Ga.	\$.48	\$.62	\$1.05	\$2.00	\$2.70
STEEL	26 Ga.	.56	.72	1.25	2.40	3.35
GALVANIZED	28 Ga.	.65	.85	1.35	2.40	3.15
TONCAN IRON	26 Ga.	.78	.96	1.55	2.80	3.80
	24 Ga.	1.00	1.30	2.15	3.80	5.28
COPPER	16 Oz.	1.45	2.00	3.30	5.00	7.00
Pcs. Per Carton		20	20	20	10	10

LIST PRICES EACH - SHOES

	SIZE	2"	3"	4"	5"	6"
GALVANIZED	28 Ga.	\$.70	\$.90	\$1.40	\$2.50	\$3.40
STEEL	26 Ga.	.78	1.00	1.60	2.90	4.05
GALVANIZED	28 Ga.	.90	1.15	1.75	2.95	3.90
TONCAN IRON	26 Ga.	1.05	1.30	1.95	3.40	4.70
	24 Ga.	1.30	1.70	2.65	4.40	6.20
COPPER	16 Oz.	1.75	2.30	3.70	5.50	7.70
Pcs. Per Carton	-	20	20	20	10	10

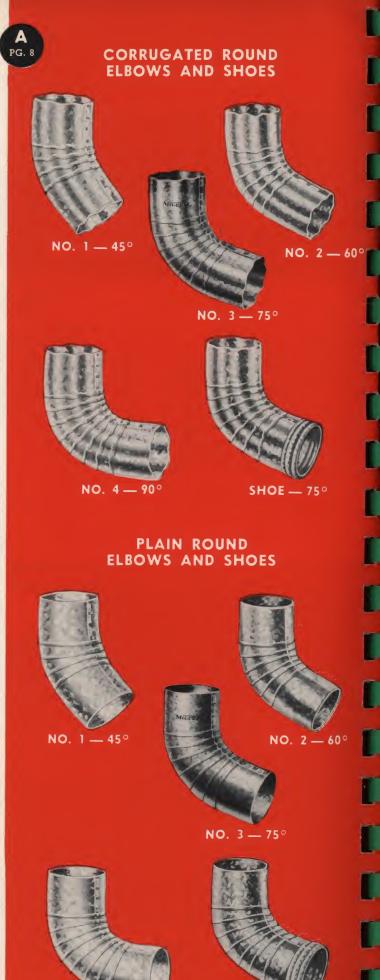
WEIGHT DATA ON CONDUCTOR PIPE ELBOWS AND SHOES

CORRUGATED ROUND—WEIGHTS IN LBS. PER 100

	Po	s. Per	Wgts.	, Lbs.		Po	s. Per	Wgts	, Lbs.
Size	No.	Ctn.	28 Gα.	26 Ga.	Size	No.	Ctn.	28 Ga.	26 Ga.
2"	1	20	40	41	4"	4	20	122	138
2"	2	20	45	48	4"	Shoes	20	120	136
2"	3	20	50	54					
2"	4	20	57	59	5"	1	10	150	150
2"	Shoes	20	57	60	5"	2	10	160	160
_	211002				5"	3	10	184	210
3"	1	20	59	65	5"	4	10	188	211
3"	2	20	67	75	5"	Shoes	10	188	211
3"	3	20	72	80					
3"	4	20	81	87	6"	1	10	191	191
3"	Shoes	20	81	87	6"	2	10	260	260
	DIIOES	20	01	07	6"	3	10	265	267
4"	1	20	90	107	6"	4	10	278	283
4"	2	20	109	115	6"	Shoes	10	288	298
4"	3	20	115	124					

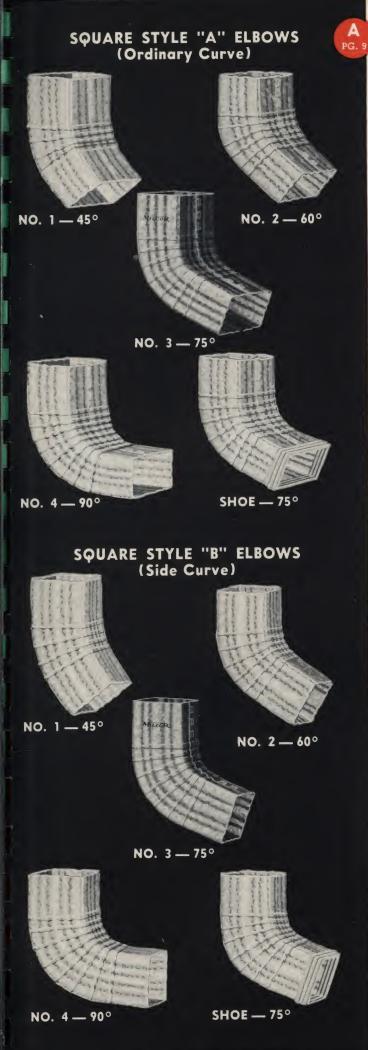
PLAIN ROUND - WEIGHTS IN LBS. PER 100

	Po	s. Per					s. Per		, Lbs.
Size	No.	Ctn.	28 Ga.	26 Ga.	Size	No.	Ctn.	28 Ga.	26 Ga.
2"	1	20	28	28	4"	4	20	124	138
2"	2	20	35	38	4"	Shoes	20	117	125
2"	3	20	38	40					
2"	4	20	42	44	5"	1	10	161	161
2"	Shoes	20	40	42	5"	2	10	170	170
-	DIIOU	20			5"	3	10	194	208
3"	1 -	20	53	65	5"	4	10	196	212
3"	2	20	65	70	5"	Shoes	10	183	192
3"	3	20	72	81	0"		10	205	005
3"	4	20	77	86	6"	1	10	225	225
3"	Shoes	20	75	75	6"	2	10	240	240
•	DILOGS	20	,,	/ /	6"	3	10	250	290
4"	1	20	90	100	6"	4	10	280	300
4"	2	20	110	114	6"	Shoes	10	350	350
4"	3	20	118	125					



NO. 4 - 90°

SHOE — 75°



SQUARE CONDUCTOR PIPE ELBOWS AND SHOES

LIST PRICES EACH - ELBOWS

SIZES		2"	3"	4"	5"
DIMENSIONS (In.)		13/4 x 21/4	23/8 x 31/4	23/4 x 41/4	33/4 x 5
GALVANIZED	28 Ga.	\$.70	\$.85	\$1.50	\$2.75
STEEL	26 Ga.	.80	1.00	1.75	3.20
	28 Gα.	.90	1.15	1.80	3.20
GALVANIZED	26 Ga.	1.10	1.35	2.10	3.60
TONCAN IRON	24 Ga.	1.30	1.60	2.80	4.60
COPPER	16 Oz.	1.75	2.30	3.60	6.50
Pcs. Per Carton		30	20	20	

LIST PRICES EACH - SHOES

SIZES		2"	3"	4"	5"
DIMENSIONS (In.)		13/4 x 21/4	23/8 x 31/4	23/4 x 41/4	33/4 x 5
GALVANIZED	28 Ga.	\$1.05	\$1.30	\$2.25	\$3.80
STEEL	26 Ga.	1.15	1.45	2.50	4.25
	28 Ga.	1.30	1.65	2.60	4.30
GALVANIZED TONCAN IRON	26 Ga.	1.55	1.80	2.95	4.75
TONCAN INON	24 Ga.	1.80	2.15	3.70	5.95
COPPER	16 Oz.	2.15	2.75	4.20	7.50
Pcs. Per Carton		30	20	20	

WEIGHT DATA ON CONDUCTOR PIPE ELBOWS AND SHOES

STYLE "A" - WEIGHTS IN LBS. PER 100

		Pcs. Per	Weigh	nts, Lbs.			Pcs. Per	-	its, Lbs.
Size	No.	Ctn.	28 Ga.	26 Ga.	Size	No.	Ctn.	28 Ga.	26 Ga.
2"	1	30	44	44	4"	1	20	90	103
2"	2	30	46	46	4"	2	20	105	118
2"	3	30	50	58	4"	3	20	118	136
2"	4	30	58	63	4"	4	20	142	150
2"	Shoe	s 30	- 63	63	4"	Sho	es 20	150	158
3"	1	20	58	65	5"	1		150	150
3"	2	20	70	79	5"	2		158	158
3"	3	20	79	80	5"	3		175	183
3"	4	20	82	88	5"	4	••••	208	217
3"	Shoe	s 20	82	90	5"	Sho	es	217	225

STYLE "B" - WEIGHTS IN LBS. PER 100

	P	cs. Per	Weigh	ts, Lbs.	15		Pcs. Per	Weigh	its, Lbs.
Size	No.	Ctn.	28 Ga.	26 Ga.	Size	No.	Ctn.	28 Ga.	26 Ga.
2"	1	30	42	42	4"	1_	20	105	105
2"	2	30	48	48	4"	2	20	108	108
2"	3	30	58	58	4"	3	20	118	124
2"	4	30	62	62	4"	4	20	138	143
2"	Shoes	30	63	63	4"	Shoe	s 20	150	158
3"	1	20	64	64	5"	1		150	150
3"	2	20	76	76	5"	2		158	158
3"	3	20	73	83	5"	3	****	175	183
3"	4	20	83	91	5"	4		208	217
3"	Shoes	20	92	93	5"	Sho	98	217	225

MILCOR FUNNELS

Made from Galvanized Steel or Copper.

Made to fit both Plain Round and Corrugated Round Conductor Pipe.

Packaged 20 Per Carton

LIST PRICES EACH

SIZES		For 2" Cond. Pipe	For 3" Cond. Pipe	For 4" Cond. Pipe
GALVANIZED	28 Ga.	Made to order.	\$1.35	\$1.65
STEEL	26 Ga.	Prices quoted	1.55	1.95
COPPER	16 Oz.	on application.	3.60	4.50

WEIGHTS IN LBS. PER 100

28 Gauge	Made to order.	67	83
26 Gauge	Weights quoted	82	104
COPPER, 16 Oz.	on application.	93	108





MILCOR FUNNEL (CRIMPED END)

MILCOR CUTOFFS

LIST PRICES EACH - CORRUGATED AND PLAIN ROUND

SIZES		3"	4"
GALVANIZED	28 Ga.	\$ 1.80	\$ 2.50
STEEL	26 Ga.	1.85	2.55
COPPER	16 Oz.	7.20	9.60
Pcs. Per Carton		20	20

LIST PRICES EACH - CORRUGATED SQUARE

SIZES		3"	4"
GALVANIZED	28 Ga.	\$ 5.00	\$ 7.00
STEEL	26 Ga.	5.60	7.70
COPPER	16 Oz.	9.60	11.90
Pcs. Per Carton		20	20

WEIGHTS IN LBS. PER 100

	CORG.	CORG. ROUND		ROUND	CORG. SQUARE		
	3"	4"	3"	4"	3"	4"	
28 Gauge	100	183	100	175	100	133	
26 Gauge	117	192	108	200	117	158	
COPPER, 16 Oz.	150	233	142	200	150	233	

Other sizes made to order. Prices on application.



CORRUGATED ROUND
CUTOFF



PLAIN ROUND CUTOFF



CORRUGATED SQUARE CUTOFF

MILCOR DIRECT DRIVE CONDUCTOR PIPE HOOKS

Direct Drive Wrought Conductor Hooks. Steel, spot welded and galvanized after formed.

LIST PRICES PER 100

SIZES	2"	21/2"	3"	4''	5"	6"
Rd. or Sq. Wood Hook	\$22.50	\$24.00	\$25.00	\$33.00	\$50.00	\$54.50
Rd. or Sq. Brick Hook	25.00	26.50	27.50	38.50	55.00	59.50
Weight-Lbs. Per 100	10	13	15	20	29	35
Packed Per Carton	100	100	100	100	50	50

Order 21/2" Hooks for 2" Corrugated Pipe.

4

ROUND

FOR WOOD

SQUARE FOR WOOD ROUND FOR BRICK

SQUARE FOR BRICK

DIRECT DRIVE CONDUCTOR PIPE HOOKS

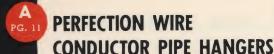


PERFECTION WIRE CONDUCTOR HANGER

CLINCHER BAND

FOR SQUARE CONDUCTOR

CLINCHER BAND
FOR CORRUGATED OR
PLAIN ROUND CONDUCTOR



LIST PRICES AND WEIGHTS

Size	Weight Per 100 Pcs.	List Price Per 100
2"	4 Lbs.	\$ 7.00
21/2"	5 Lbs.	8.00
3"	7 Lbs.	8.50
4"	10 Lbs.	10.00

2" Size for Plain Round Pipe only; order $2\frac{1}{2}$ " Hanger for 2" Corrugated Pipe. 2" Size packed 100 to carton. $2\frac{1}{2}$ ", 3" and 4" packed 50 to carton.



MILCOR CLINCHER ORNAMENTAL CONDUCTOR PIPE BANDS

For Square and Round Conductor Pipe Practical . . . Easy to Apply Low in Cost

This Band has a nailing feature which no other Pipe Hanger possesses. When the nail is driven home, the Band automatically is tightened around the Pipe, making a rigid and lasting installation. This is the famous "Clincher" construction.

Made in GALVANIZED STEEL and COPPER.

SQUARE CLINCHER BANDS

LIST PRICES PER 100

	2"	3"	4''	5"
GALVANIZED STEEL	\$13.50	\$18.00	\$22.00	\$26.50
COPPER	45.00	54.00	81.00	90.00

WEIGHTS (Approximate) - PACKED 100 PER CARTON

2" 3"		4"	5"	
15 Lbs.	17 Lbs.	23 Lbs.	23 Lbs.	

Made for 5", size $3\frac{3}{4}$ " x 5"; for 4", size $2\frac{3}{4}$ " x $4\frac{1}{4}$ "; for 3", size $2\frac{3}{6}$ " x $3\frac{1}{4}$ "; and for 2", size $1\frac{3}{4}$ " x $2\frac{1}{4}$ ".

ROUND CLINCHER BANDS

LIST PRICES PER 100

	2"	21/2"	3"	4"
GALVANIZED STEEL	\$ 9.00	\$11.00	\$13.50	\$18.00
COPPER	36.00	45.00	54.00	72.00

WEIGHTS (Approximate) — PACKED 100 PER CARTON

2"	21/2"	3"	4"
15 Lbs.	19 Lbs.	21 Lbs.	34 Lbs.

Order 21/2" Band for 2" Corrugated Round Conductor Pipe.



ROUND STRAINER



SQUARE STRAINER

MILCOR CONDUCTOR STRAINERS

LIST PRICES PER 100 - WEIGHTS, LBS. PER 100

ROUND STRAINERS - For Round Pipe

SIZE	2"	3"	4"	5"	6"
GALVANIZED	\$ 17.50	\$ 22.50	\$ 40.00	\$ 55.00	\$ 62.50
COPPER	36.00	60.00	84.00	144.00	166.00
Weight	9	11	20	39	49

SQUARE STRAINERS - For Square Pipe

SIZE	2" x 2"	2" x 3"	3" x 4"	4" x 5"
GALVANIZED	\$ 47.50	\$ 62.50	\$100.00	\$137.50
COPPER	64.00	82.00	160.00	202.00
Weight	9	12	27	48

Packed as ordered.

MILCOR SICKLE, HINGED, WIRED AND FLASHING HOOKS

LIST PER 100 PIECES

Sickle and Hinged Hooks Packed 50 Per Carton

SICKLE HOOKS

	PLAIN				CORRUGATED			
	MALLI		BRONZE		MALLEABLE COATED		BRONZE	
Size	Wood	Brick	Wood	Brick	Wood	Brick	Wood	Brick
2" 3" 4" 5" 6"		Prices Quoted				ication		

HINGED HOOKS

PLAIN ROUND

MALLEABLE COATED		BRONZE	
Wood	Brick	Wood	Brick
1	Prices Quoted	on Application	
	Wood	Wood Brick	

CORRUGATED ROUND

	MALLEABLE COATED			BRONZE		
Size	Short Wood	Long Wood	Brick	Short Wood	Long Wood	Brick
2" 3" 4"		Prices	Quoted o	n Applicat	ion	
5"						

WIRED HOOKS

SQUARE - LIST PER 100 PIECES

Packed 50 Per Carton

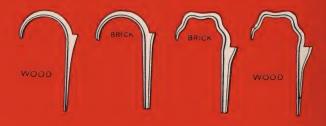
	MALLEABI	E COATED	BRONZE	
Size	Wood	Brick	Wood	Brick
2"				
3"				
4"		Prices Quoted	on Application	
5"				
6"				

FLASHING HOOKS LIST PER 100 PIECES

Packed 100 Per Carton

Size	Plain	Coated	Cast Bronze
11/2"			
21/2"	•		
31/2"	Price	es Quoted on App	olication
51/2"			
71/2"			





SICKLE HOOKS



HINGED HOOKS



WIRED HOOKS

FLASHING HOOKS

MILCOR PIPE FASTENERS

PIPE FASTENERS, COMPLETE LIST PER 100 PIECES (Packed 50 Per Carton)

No.		Malleable Coated	Cast Bronze
0 1 4 7	For Brick, 3" Drive	Prices Q	

DRIVES ONLY

LIST PER 100 PIECES (Packed 50 Per Carton)

No.	,	Malleable Coated	Cast Bronze
0 1 4 7	For Brick, 3" Drive	Prices Qu Applic	





PIPE FASTENER



MILCOR PLAIN RIDGE ROLL

Manufactured lengths — 10 feet. Nested 100 feet per bundle.

LIST PRICES PER LINEAL FOOT

	Girth	7"	8"	10"
Material	Roll Size	11/4"	11/2"	2"
GALVANIZED STEEL	29 Ga.	\$.16	\$.18	\$.19
GALVANIZED SIEEL	28 Ga.	.17-	.19	.20
COPPER	16 Oz.		.80	.85

BUNDLED WEIGHTS - PER 1000 FEET

	29 Gauge	28 Gauge	16 Oz. Copper
Roll Size	Bundled	Bundled	Bundled
11/4"	420	455	460
11/2"	480	520	655
2"	550	620	828



B PG. 13

MILCOR NO. 5 GLOBE FINIALS

For use with Plain Ridge Roll. Furnished in Hot Dipped Galvanized Steel, or Copper.

LIST PRICES PER EACH

Ridge Roll Sizes	11/4"	11/2"	2"
GALVANIZED	\$.75	\$.75	\$.90
COPPER		3.50	4.00
Pieces Per Carton	20	20	30

WEIGHTS IN LBS. PER 100

Ridge Roll Sizes	11/4"	11/2"	2"
GALVANIZED	20	25	42
COPPER	34	42	58



C PG. 13

MILCOR STYLE "W" FORMED VALLEY

LIST PRICES PER LINEAL FOOT

		GIRTH			
MADE FROM		14"	16"	18"	20"
GALVANIZED STEEL	29 Ga.	\$.30	\$.36	\$.40	\$.46
	28 Ga.	.32	.38	.42	.48
COPPER	16 Oz.	.70	.85	.95	1.00

WIRED WEIGHTS - PER 1000 FEET

	29 Gauge	28 Gauge	16 OZ. COPPER
Girth	Wired	Wired	Wired
14"	780	910	1160
16"	900	1040	1340
18"	1078	1172	1520
20"	1100	1300	1680

Made in one piece — no seams. Each length is uniform and accurate in size and shape.

Manufactured length — 10 feet. Packed 10 lengths to a bundle.

Furnished in Galvanized Sheet Steel unless otherwise specified. Always indicate size and gauge desired.



MILCOR NO. 5 STYLE "R" CONTINUOUS HIP SHINGLES

Milcor No. 5 Style "R" Continuous Hip Shingles are easily and quickly applied. They hold the roofing in place on the ridges, provide necessary protection, and add a pleasing finish to the building. Made from Galvanized Steel, and Copper. Shipped in

NO. 5 STYLE "R" CONTINUOUS HIP SHINGLES LIST PRICES PER FOOT

	GALV.	COPPER
No. 5 — 10 Ft. Lengths only	\$.13	\$.54
Weight per 1000 ft., bundled	268 lb.	340 lb.

STARTER FOR CONTINUOUS HIP SHINGLES LIST PRICES EACH

	GALV.	COPPER
No. 5	\$.17	\$1.50





NO. 5 STYLE "R" CONTINUOUS HIP SHINGLES



NO. 5 STYLE "R" HIP STARTER

MILCOR NO. 10 4-WAY HIP FINIALS

LIST PRICES AND WEIGHTS EACH

Material	Price Ea.	Weight, Ea.	Pcs. Per Ctn.
GALV. STEEL	\$2.70	½ lb.	25
COPPER	7.20	½ lb.	25

Finials are Galvanized after formed.



NO. 10 4-WAY HIP FINIAL

MILCOR 5" x 7" FLAT FLASHING SHINGLES

Flashing Shingles are put up in packages of 100 pieces each. Milcor Flat Flashing Shingles are used by roofers for metal, slate, and wood shingle roofs.

Made from Galvanized Steel, Painted Terne and Copper.

LIST PRICES AND WEIGHTS PER 100

Material	Material List Price Per 100	
GALV. STEEL	\$ 9.50	17 lb.
PAINTED TERNE	6.50	12 lb.
COPPER	84.00	24 lb.





FLAT FLASHING SHINGLES

FOLLANSBEE SEAMLESS TERNES IN ROLLS

Prices furnished on application.

IX AND IC WEIGHTS IN LBS. PER 50 FOOT ROLL

Width	W	t. Per Roll.	IX	W	t. Per Roll,	IC
of Roll	8 Lb.	20 Lb.	40 Lb.	8 Lb.	20 Lb.	40 Lb.
14"	36	38	40	29	30	33
20"	51	54	57	41	. 43	47
24"	61	64	69	49"	52	57
28"	73	76	81	58	61	66

Furnished painted two sides, painted one side, or not painted. Specify type desired.





SEAMLESS TERNES

MILCOR GALVANIZED ROLL VALLEY

LIST PRICES PER FOOT

	Roll Width									
	4"	6"	8"	10"	12"	14"	16"	18"	20"	
29 Gα.	\$.09	\$.13	\$.16	\$.19	\$.23	\$.26	\$.29	\$.33	\$.36	
28 Gα.	.10	.14	.17	.20	.24	.27	.30	.34	.37	
26 Ga.	.12	.16	.19	.22	.26	.30	.33	.37	.41	

W	:16	HI:	P	EK	100	O FE	EI

	Roll Width								
	4"	6"	8"	10"	12"	14"	16"	18"	20"
29 Ga.	245	365	485	610	730	780	800	1040	1100
28 Ga.	265	395	530	660	795	925	1060	1190	1325
26 Ga.	305	460	610	765	920	1070	1225	1375	1530

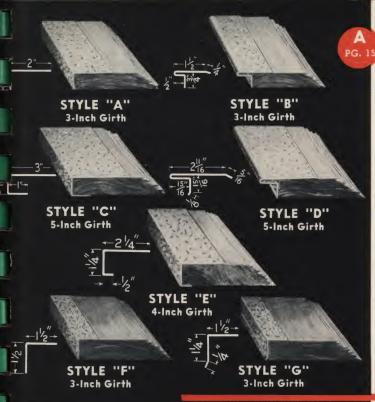
PAGE 14

See page 70 for complete weight tables.



GALVANIZED ROLL VALLEY

Manufactured from PRIME Galvanized Sheets. Furnished in Rolls of 50 Feet consisting of sheets with famous Milcor Double Cross-Lock, assuring weatherproof seams.



MILCOR ROOF EDGE AND EAVES DRIP

Designed to Protect the Eaves Edge of Roofs Covered with Composition Roofing, Asphalt, Shingles, Etc.

Composition roofing, asphalt shingles, etc., as well as the wooden eaves, should be protected against weather and water damage and from wind, rain and snow driving under edges of roofing material.

Milcor Roof Edge and Eaves Drip provides this needed protection. In addition it finishes the roof with a neat, precisely straight edge, suitable for painting if desired, eliminates any ragged roofing edges and substantially enhances the entire appearance of the roof.

MANUFACTURED FROM GALVANIZED STEEL

All styles packed 500 feet to carton. Weight per 1000 feet — Styles "A," "B," "F" and "G" — 180 lbs. Styles "C," "D" and "E" — 310 lbs. Always specify style desired. 10 foot lengths.

LIST PRICES PER FOOT

Styles "A," "F" & "G"\$.06	Styles "C" & "D"\$.11
Style "B"	Style "E"



MILCOR. ZINC SIDING TRIM

Designed to Speed Application of Asbestos or Prepared Siding

Greatly improves the appearance of the finished job. Eliminates fussy fitting.

STOCK LENGTHS 10 FEET — Nos. 1 and 2 packed 500 lineal feet to crate. No. 3 packed 1000 lineal feet to crate.

WEIGHTS PER CRATE

Style	Weights	Prices
No. 1	94 Lbs.	ON
No. 2	62 Lbs.	ON APPLICATION
No. 3	68 Lbs.	

1 — OUTSIDE CORNER. The Outside Corners are more trouble than the rest of the job put together if this trim is not used. The time required for fitting and trying to make a neat corner often eats up the profit on the entire job. With Milcor Trim you can be sure that corners will be neat and finished. There is no loss of time and money.

2 — INSIDE CORNER. The difficult task of trying to make Inside Corners fit neatly and perfectly is entirely overcome by the Milcor Inside Corner. In order to have the job right, it is just as important that the inside corner be properly finished as the outside corner. Here again this moulding will save tedious hours of fitting and assure a satisfactory job in quick time.

3 — DOOR AND WINDOW TRIM. With the application of most siding it is absolutely necessary to have a trim of this type to finish the Door and Window openings. This trim shuts off and closes the unsightly ends which are common to all siding jobs if no moulding of this kind is used.



REVERE COPPER FLASHING



REVERE COPPER HOME FLASHING

Now every home can afford luxury home protection. Approximately two packages will seal all the vital joints in the average home. Easy to install. Complete instructions and supply of hardware bronze nails in each package. Each package contains ten $18^{\prime\prime}$ x $48^{\prime\prime}$ sheets — 60 sq. ft. — and 200 nails. Prices on application.

MILCOR METAL BUILDING CORNERS For Wood Siding

For Sealing Inside and Outside Corners of Weather-boarding and Drop Siding

WEATHER-PROOF and WATER-TIGHT.

No. 14 furnished in OUTSIDE CORNERS ONLY.

Nos. 4, 5, 6, 8 and 10 furnished either in INSIDE or OUTSIDE CORNERS as specified. Metal Corners require same lap as siding and should be ordered in lengths suitable for such.

Nos. 4, 5, 6 and 14 furnished in $\frac{1}{2}$ " Base.

Nos. 8 and 10 furnished in $\frac{1}{2}$ " and $\frac{3}{4}$ " Base. Please specify Base desired when ordering.

LIST PRICES AND WEIGHTS - STEEL

Corner	Siding		List Price Per 1000		CONTENTS AND INSIDE
No.	Size	Base	Corners	Pcs.	Wgts.
4	4"	1/2"	\$60.00	250	15 lbs.
5	5"	1/2"	66.00	250	22 lbs.
6	6"	1/2"	68.00	250	23 lbs.
81/2	8"	1/2"	76.00	250	34 lbs.
83/4	8"	3/4"	76.00	250	36 lbs.
101/2	10"	1/2"	90.00	250	42 lbs.
103/4	10"	3/4"	90.00	250	45 lbs.
14	Drop-6"	1/2"	60.00	250	24 lbs.



APPLICATION VIEW METAL BUILDING CORNERS



NOS. 4 & 5 OUTSIDE



NO. 6 OUTSIDE



NOS. 4 & 5



NO. 6 INSIDE



NOS. 8 & 10 OUTSIDE



NOS. 8 & 10 INSIDE



NO. 14 OUTSIDE

MILCOR METAL BARN BATTEN

ECONOMICAL and PRACTICAL for weather-proofing barns, sheds and all structures where sheeting or siding is applied vertically.

Will not warp or shrink away from cracks.

These Battens allow for expansion and contraction of siding.

Packed 1000 lineal feet per carton.

LIST PRICE - Style "A" - \$.04 per foot.

LENGTHS — 8 and 10 foot lengths.

WEIGHTS — Per 1000 lineal feet, cartoned: Style "A", 133 lbs.

Made from Galvanized Steel.

ALWAYS SPECIFY LENGTHS DESIRED.

B



MILCOR METAL BARN BATTENS



CROSS-SECTION SHOWING BARN BATTEN APPLICATION

MILCOR STANDARDIZED FITTINGS ASSURE EASIER, MORE PROFITABLE INSTALLATION

Milcor Standardized Furnace Pipe and Fittings are produced in conformance with the National Fitting Simplification Program, sponsored by the U. S. Department of Commerce, National Bureau of Standards, Washington, D. C. This program is primarily concerned with the reduction in number of styles, varieties and sizes of fittings produced. By reducing the number of special fittings, more attention can be concentrated on better and greater production of the types most widely used, and better service and delivery can be made to distributors and installers. The fittings listed in this catalog permit the installation of Warm Air Heating Equipment strictly in accordance with the standard code.

Outstanding features of the standardized fitting is the reduction in cost over hand-made fittings. Hidden costs are eliminated, permitting contractors to more accurately estimate job costs, both in time and material. The precision engineered fittings are uniform and interchangeable to fill the requirements of the toughest, most complicated layout. With these standardized fittings, contractors produce more streamlined, more attractive installations which please building owners, win new customers and build a reputation for quality. Precision fit and quick assembly features simplify and speed up installation work, permitting completion of more jobs in less time, thus cutting job costs and increasing profits. During the busy season, the contractor is able to handle many more jobs by saving time on estimating, layout and installation. He can spend more time selling and planning and less time in the shop.

This simplification program also cuts general operating costs, reducing the need for storage space, inventory, tools and capital. It is a program that helps you build a better, more profitable business.

MILCOR

GALVANIZED FURNACE PIPE

NEW LOCK-JOINT FURNACE PIPE

New Lock-Joint Furnace Pipe is completely new in design. It is easily assembled by hand with no seaming or riveting necessary. Positive continuous lock full length of pipe which can be cut to any fractional length without destroying locking feature of cut pieces. Special tapered fade-away crimp provides perfect fit end on end. Made in 30, 28, 26 and 24 gauges, in sizes listed below.

TITE-LOCK FURNACE PIPE

Tite-Lock Furnace Pipe is assembled by simply hooking the edge, then placing the joint on a mandrel and closing the seam with a mallet. A unique lap is an important feature of the non-collapsible crimped end of the Tite-Lock Pipe. It provides a lock which cannot come apart, collapse or expand.

SPECIFICATION FOR BOTH LOCK-JOINT AND TITE-LOCK PIPE

Milcor Lock-Joint and Tite-Lock Pipe are made in sizes and gauges indicated in packing list below. All Milcor Galvanized Furnace Pipe is shipped nested.









TITE-LOCK FURNACE PIPE

LIST PRICES PER JOINT

Siz	:e	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"	20"	22"	24"
30 Ga.	Joints 24"	\$0.48	\$0.61	\$0.73	\$0.84	\$0.99	\$1.11	\$1.22	\$1.33	\$1.62	******	******		******	*****	
28 Ga.	24"	.50	.64	.76	.88	1.04	1.16	1.28	1.40	1.70	*****	*****	*****	*****		
26 Ga.	12" 24" 30"	.56	.68	.82	.52 .94 1.18	.62 1.12 1.40	.68 1.24 1.55	.76 1.38 1.73	.87 1.58 1.98	.98 1.78 2.23	\$2.48	\$2.80	\$3.34	\$3.98	\$4.74	\$5.60
24 Gα.	12" 24" 30"			1.00	.65 1.18 1.48	.75 1.36 1.70	.84 1.52 1.90	.92 1.68 2.10	1.05 1.90 2.38	1.21 2.20 2.75	•••••	******	******	*****		

PACKING LIST

Lock-Joint Furnace Pipe packed in cartons.

Tite-Lock Furnace Pipe packed in bundles, except 3" and 4" sizes which are packed in cartons.

								JC	INTS	PER P	ACKAC	E					JOINTS PER PACKAGE							
Gauge	Туре	Size	3"	4"	5"	6"	7''	8"	9"	10"	12"	14"	16"	18"	20"	22"	7							
30 Gα.	Tite-Lock Lock-Joint	24" Joints 24" Joints	25 25	****	****	••••	•																	
28 Ga.	Tite-Lock Lock-Joint	24" Joints 24" Joints	25 25			****	••••	••••	1															
26 Ga.	Tite-Lock Lock-Joint	12" Joints 12" Joints				25 25	10 10	10 10	10 10	10 10	10 10													
26 Ga.	Tite-Lock Lock-Joint	24" Joints 24" Joints	25	25	25	25 25	10 10	10 10	10 10	10 10	10 10	10	10	10	10	10								
26 Ga.	Tite-Lock Lock-Joint	30" Joints 30" Joints		****		10 10	10 10	10 10	10 10	10 10	10													
24 Ga.	Tite-Lock Lock-Joint	12" Joints 12" Joints					10 10	10 10	10 10	10 10	10 10			****	••••									
24 Ga.	Tite-Lock Lock-Joint	24" Joints 24" Joints			10	10 10	10 10	10 10	10 10	10 10	10 10	••••	••••		****									
24 Ga.	Tite-Lock Lock-Joint	30" Joints 30" Joints	****			10	10 10	10 10	10 10	10 10	10 10													



GALVANIZED FURNACE PIPE

ELBOWS AND ANGLES

Milcor Galvanized Furnace Pipe Elbows and Angles are carefully constructed to permit easy and trouble-free adjustment. They have sections seamed together in sizes from 4 to 14 inches when made from 30, 28 and 26 Gauge Galvanized Steel in sizes listed. Three inch elbows are riveted. All 24 gauge elbows in diameters 5 inches through 12 inches are riveted. Elbows and Angles from 16 to 24 inches are fastened with lugs and bolts.

Sizes 3" to 7" elbows packed 12 per carton. Sizes 8" to 12" elbows packed 12 per bundle.

MILCOR GALVANIZED ELBOWS AND ANGLES — LIST PRICES EACH

SIZE	3"	4"	5"	6"	7"	8′′	9"	10"	12"	14"	16"	18"	20"	22"	24"
30 Ga. 4-pc. 90°	\$0.63	\$0.75	\$0.86	\$0.94	\$1.05	\$1.16	\$1.28	\$1.42	\$1.73				*****		*****
2-pc. 45°	•••••	.62	.71	.77	.83	.89	.94	1.03	1.23						
28 Ga. 4-pc. 90°	.66	.78	.90	.99	1.10	1.22	1.34	1.49	1.82		7		1		
2-pc. 45°		.65	.75	.81	.87	.93	.99	1.08	1.29				*****		******
26 Ga. 4-pc. 90°	.68	.81	.95	1.01	1.15	1.26	1.40	1.56	1.95	\$3.59	\$4.49	\$5.74	\$6.82	\$7.62	\$8.97
2-pc. 45°	******		.80	.85	.90	.96	1.02	1.15	1.35	2.06	2.61	3.24	4.05	4.50	5.22
24 Ga. 4-pc. 90°			1.02	1.13	1.29	1.41	1.57	1.75	2.21						*****
2-pc. 45°			.81	.90	.97	1.05	1.10	1.26	1.50				*****		



MILCOR GALVANIZED ROUND PIPE 10 FEET LONG

Milcor Round Pipe is precision manufactured. The crimped end facilitates rapid installation. Pipe is seamed and ready for installation.

Made in 10 foot lengths. Furnished in 28 and 26 gauges.

LIST PRICES PER FOOT

Gauge	3"	4"	5"			
28	Dutas	1:-				
26	Prices on application					

Gauge	6"	7"	8"					
28	D-:-							
26	Prices on application							

MILCOR GALVANIZED ROUND PIPE

MILCOR GALVANIZED AIRFLO TEE-JOINTS

Frictionless construction permits an equal draft in each pipe. No current of air will flow properly around a right angle corner. This TEE-JOINT eliminates right angle corners entirely. With a swift, clean sweep it multiplies many times the pulling power of all pipes used in connection with it.

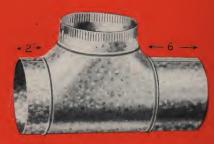
Patent No. 1,992,312

LIST PRICES EACH

Size, Inches	Length, Inches	26 Ga. List Prices	24 Ga. List Prices
3 x 3 x 3	91/4	\$2.33	
4 x 4 x 4	12	2.33	
5 x 5 x 5	12	2.33	
6 x 6 x 6	161/2	2.33	\$2.73
7 x 7 x 7	18	2.40	2.80
8 x 8 x 8	18	2.90	3.20
9 x 9 x 9	181/2	3.60	4.00
10 x 10 x 10	21	4.30	4.80
12 x 12 x 12	251/2	5.25	6.00

A PG. 20

> Crimped on any end as desired. Six-inch extension for damper as shown below.



MILCOR GALVANIZED AIRFLO TEE-JOINT

MILCOR OLD STYLE TEE-JOINTS

LIST PRICES EACH—SAME AS MILCOR AIRFLO TEE-JOINTS

Old Style Galvanized Tee-Joints are made 15" long. Longer Joints are charged for at 2c net per inch extra. Made in sizes 7" to 12".

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> MILCOR OLD STYLE TEE-JOINT



MILCOR WARM AIR DAMPERS

Every Warm Air Pipe should be provided with these substantial dampers. Made of 26 Gauge Steel Discs.

*LIST PRICES EACH

4"	5"	6"	7"	8"	9"	10"	12"	14"
\$.40	\$.40	\$.40	\$.50	\$.60	\$.70	\$.80	\$.95	\$1.10

*See page 28 for Duct Dampers.





MILCOR WARM AIR DAMPER

CAST SMOKE DAMPERS

The recently improved design makes these dampers better than ever. They are the most serviceable—profitable and easiest-to-install dampers obtainable.

Made in sizes 3" to 14". Write for Prices.





CAST SMOKE DAMPER

MILCOR GALVANIZED CHIMNEY CAPS

Available in sizes 3" through 12".

 Size
 3"
 4"
 5"
 6"
 7"
 8"
 9"
 10"
 12"

 Price
 Prices on Application

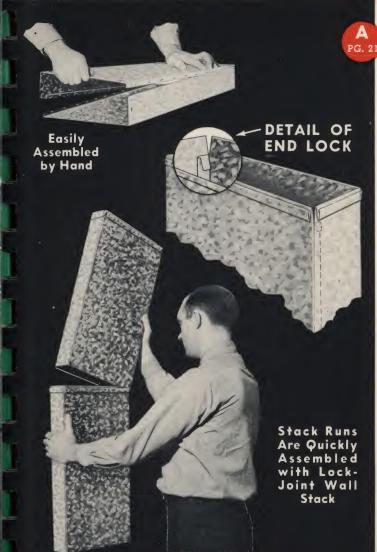
PAGE 20

See page 71 for shipping weights.





MILCOR GALVANIZED CHIMNEY CAPS



MILCOR LOCK JOINT GALVANIZED WALL STACK

Patent Nos. 2,038,389 and 2,201,409

Lock-Joint Wall Stack is assembled simply by taking the two pieces in the hands and pressing the Lock-Joint seam together until it clicks. Lock-Joint doesn't require the use of tools, solder, rivets, bolts, or screws to assemble and erect.

End locks on each section hold Wall Stack together by the same locking device as that which locks the two pieces of stack. To connect fittings or runs of Wall Stack, you press one piece on the other until it clicks, and it is there to stay!

Wall Stack shipped in Cartons containing 10 Joints 24" long.

LIST PRICES PER JOINT NO. 700 GALVANIZED WALL STACK

Size in Inches	24" Joint	12" Joint	6" Joint
10 x 3 1/4	\$1.65	\$1.00	\$.75
$12 \times 3^{1/4}$	1.80	1.10	.80
14 x 3½	1.96	1.20	.85



MILCOR GALVANIZED WALL STACK ELBOWS AND ANGLES

LIST PRICES EACH-NO. 710 ANGLE

Size in Inches	List Price Each	
10 x 3 ¹ / ₄	\$1.50	
12 x 3 1/4	1.55	
14 x 3 ½	1.80	

LIST PRICES EACH-NO. 711 ELBOW

Size in Inches	List Price Each	
10 x 3 ¹ / ₄	\$1.90	
12 x 3½	2.10	
14 x 3½	2.40	

LIST PRICES EACH-NO. 714 ANGLE

Size in Inches	List Price Each	
10 x 3 ¹ / ₄	\$1.75	
12 x 3 ¹ / ₄	1.90	
14 x 3 1/4	2.10	

MILCOR GALVANIZED WALL STACK HEADS FOR SECOND FLOOR

LIST PRICES EACH-NO. 101

Size of Register		Size of Wall Stack	Price Ea.	
10" x 8"	21/4" Ext.	10" x 31/4"	\$1.90	
12" x 8"	21/4" Ext.	12" x 31/4"	2.15	

LIST PRICES EACH-NO. 102

Size of	Register	Size of Wall Stack	Price Ea.	
10" x 8"	21/4" Ext.	10" x 31/4"	\$2.05	
12" x 8"	21/4" Ext.	12" x 31/4"	2.30	

LIST PRICES EACH-NO. 103

Size of Register	Size of Wall Stack	Price Ea.
10" x 8"	10" x 31/4"	\$1.90
12" x 8"	12" x 31/4"	2.15

LIST PRICES EACH-NO. 104

Size of Register	Size of Wall Stack	Price Ea.
10" x 8"	10" x 31/4"	\$2.15
12" x 8"	12" x 31/4"	2.40



NO. 101 Second Floor Baseboard Wall Stack Head for heating one room



NO. 102 Second Floor Baseboard Wall Stack Head for heating two rooms



NO. 103
Second Floor Horizontal
Wall Stack Head for installation above baseboard



NO. 104
Second Floor Horizontal
Wall Stack Head for installation above baseboard

MILCOR GALVANIZED WALL STACK BOOTS FOR SECOND FLOOR

LIST PRICES EACH-NO. 129

Size of Wall Stack	Size of Collars	Price Ea.
10" x 31/4"	8"* or 9"	\$2.05
12" x 31/4"	9"* or 10"	2.30

LIST PRICES EACH-NO. 132

Size of Wall Stack	Size of Collars	Price Ea.
10" x 31/4"	8"* or 9"	\$2.05
12" x 31/4"	9"* or 10"	2.30

LIST PRICES EACH—NO. 138

Size of Wall Stack	Size of Collars	Price Ea.
10" x 31/4"	8"* or 9"	\$2.20
12" x 31/4"	9"* or 10"	2.40

LIST PRICES EACH-NO. 140

Size of Wall Stack	Size of Collars	Price Ea.	
10" x 31/4"	8"* or 9"	\$2.20	
12" x 31/4"	9"* or 10"	2.40	

*Standard unless otherwise specified.

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NO. 129 UNIVERSAL BOOT



NO. 138 END BOOT



NO. 132 45° ANGLE BOOT



NO. 140 90° ANGLE BOOT



MILCOR GALVANIZED BASEBOARD REGISTER HEADS FOR FIRST FLOOR

LIST PRICES EACH - NOS. 301 AND 309 FIRST FLOOR HEADS FOR HEATING ONE ROOM

Size of Register Inches	10 x 8	12 x 8	12 x 9	13 x 11
Base Extension Inches	21/4	21/4	31/4	51/4
Throat Size, Inches	10 x 6 1/8	12 x 6 1/8	12 x 7 1/8	13 x 9½
Pipe Size, Inches	8	9	10	12
Head No. 301	\$1.60	\$1.80	\$1.90	\$2.50
45° Angle No. 309	1.40	1.55	1.75	2.20

LIST PRICES EACH - NOS. 302 AND 309 FIRST FLOOR HEADS FOR HEATING TWO ROOMS

Size of Register Inches	10 x 8	12 x 8	12 x 9	13 x 11
Base Extension Inches	21/4	21/4	31/4	51/4
Throat Size, Inches	10 x 8 5/8	12 x 85/8	12 x 105/8	13 x 145/8
Pipe Size, Inches	9 '	10	12	14
Head No. 302	\$1.90	\$2.30	\$2.40	\$3.50
45° Angle No. 309	1.75	1.90	2.05	2.60



MILCOR GALVANIZED BOOTS FOR FIRST FLOOR

LIST PRICES EACH FIRST FLOOR BOOTS FOR ONE REGISTER

Size of Register Inches	10 x 8	12 x 8	12 x 9	13 x 11
Base Extension Inches	21/4	21/4	31/4	51/4
Throat Size, Inches	10 x 6 1/8	12 x 6 1/8	12 x 7½	13 x 9½
Pipe Size, Inches	8	9	10	12
Nos. 311 & 314	\$2.15	\$2.35	\$2.50	\$3.00
Nos. 317 & 340	2.60	2.70	2.90	3.40

LIST PRICES EACH FIRST FLOOR BOOTS FOR TWO REGISTERS

Size of Register Inches	10 x 8	12 x 8	12 x 9	13 x 11
Base Extension Inches	21/4	21/4	31/4	51/4
Throat Size, Inches	10 x 85/8	12 x 85/8	12 x 105/8	13 x 145/8
Pipe Size, Inches	9	10	12	14
Nos. 311 & 314	\$2.65	\$2.90	\$3.00	\$4.20
Nos. 317 & 340	3.00	3.30	3.40	4.80



NO. 309 — 45° ANGLE for First Floor Baseboard Head SPECIFY THROAT SIZE

NO. 311 UNIVERSAL BOOT



NO. 314 45° ANGLE BOOT



NO. 317 END BOOT



NO. 340 90° ANGLE BOOT

MILCOR GALVANIZED FLOOR REGISTER PANS

WARM AIR FLOOR REGISTER PANS LIST PRICES EACH

Size in Inches	Collar Size	12" Floor Pan Single Galvanized	6" Pan or Funnel Single Galvanized
6 x 10	6"		\$2.00
6 x 12	7''		2.00
8 x.10	8"	\$2.65	2.00
9 x 12	9"	2.95	2.20
10 x 12	10"	3.20	2,40
12 x 14	12"	3.85	2.90
14 x 16	14"		3.85

See Page 35 for other floor pan sizes.

WARM AIR FLOOR REGISTER PANS FOR 2nd FLOOR

LIST PRICES EACH

Size in Inches	Size of Wall Pipe	No. 107 2nd Floor Pan	No. 108 2nd Floor Pan
10 x 8	10 x 3 ½	\$1.90	\$1.90
12 x 9	$12 \times 3^{1/4}$	2.15	2.15







SINGLE GALVANIZED
REGISTER PAN
6" Deep, Flat, Solid Bottom



GALVANIZED FUNNEL FLOOR PAN



NO. 107 — 2ND FLOOR WALL STACK REGISTER PAN



NO. 108 2ND FLOOR PAN

MILCOR GALVANIZED REDUCING COLLARS

LIST PRICES EACH

Size Inches	Price
6 to 4	\$.80
6 to 5	.80
7 to 6	.90
8 to 7	1.00
9 to 8	1.10
10 to 9	1.20
12 to 10	1.40
14 to 12	1.60

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REDUCING COLLAR

MILCOR GALVANIZED RETURN AIR SHOES

LIST PRICES EACH-STYLES "G" & "H"

Collar Size	Throat Size	Styles "G" & "H"
14"	10" x 16"	\$ 7.75
16"	12" x 18"	8.50
18"	12" x 23"	9.85
20"	12" x 27"	11.20
22"	12" x 32"	12.80
24"	12" x 38"	14.40

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See page 71 for shipping weights.



STYLE "G"
ADJUSTABLE
RETURN AIR SHOE



STYLE "H"
RETURN AIR SHOE
ADJUSTABLE TO 45°



ADJUSTABLE DRAW BANDS

PG. 25 MILCOR ADJUSTABLE DRAW BANDS

ALL 6" WIDE EXCEPT, 4" SIZE 4" WIDE

LIST PRICES EACH

Size, Inches	List Prices Each	Size, Inches	List Prices Each	Size, Inches	List Prices Each
4.	\$0.70	9	\$1.00	18	\$2.00
5	.70	10	1.10	20	2.25
6	.70	12	1.26	22	2.60
7	.84	14	1.46	24	3.25
8	.92	16	1.66		



STYLE "E"
TRANSITION HEADS

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MILCOR STYLE "E" TRANSITION HEADS

LIST PRICES EACH

Top Size,	Collar Size, Inches	List Prices Each	Top Size, Inches	Collar Size, Inches	List Prices Each
20 x 33	14	\$5.30	28 x 33	20	\$7.20
24 x 33	16	5.75	30 x 33	22	8.15
26 x 33	18	6.25	33 x 33	24	9.15



STYLE "F" CEILING PLATES

MILCOR STYLE "F" CEILING PLATES

(WITH COLLAR)

LIST PRICES EACH

Top	Collar	List	Top	Collar	List
Size,	Size,	Prices	Size,	Size,	Prices
Inches	Inches	Each	Inches	Inches	Each
16 x 33	14	\$3.05	22 x 33	20	\$3.75
18 x 33	16	3.30	24 x 33	22	4.10
20 x 33	18	3.50	26 x 33	24	4.60

STYLE "A" CASING COLLAR For Straight Hood STYLE "B" STYLE "C" STUB COLLAR (Same as Style "A", except collar not crimped)

To There I was a second



ADJUSTABLE GALVANIZED FLUE THIMBLE

MILCOR CASING COLLARS, CLEANOUT CAPS, FLUE THIMBLES

LIST PRICES EACH

CASING COLLARS AND CLEANOUT CAPS

Size, Inches	4	5	6	7	8	9	10
Casing Collars,							
Styles A and C	\$0.37	\$0.37	\$0.37	\$0.37	\$0.43	\$0.50	
Casing Collar, Style B					.64	.74	.80
Cleanout Caps		4	.90	1.00	1.10	1.20	1.30
Size, Inches	12	14	16	18	20	22	24
Casing Collars,							
Styles A and C	\$0.63	\$0.79	\$1.01	\$1.27	\$1.49	\$1.97	\$2.29
Casing Collar, Style B	.96	1.18					*****
Cleanout Caps	1.50					*****	

ADJUSTABLE GALV. FLUE THIMBLES

Prices on Application

5" to 6"	to 7"	4" Deep	7" to 8" to 9"	4" Deep
5" to 6"	to 7"	6" Deep	7" to 8" to 9"	6" Deep



GALVANIZED FLUE

CLEANOUT CAP

HORIZONTAL DRAFT DIVERTER Wilder Draft Diverters (also called draft hoods) are designed to automatically divert excessive backdrafts and equalize excessive updrafts. Eliminate possibility of extinguishing pilot light or full flame of a gas fired appliance, such as a hot water heater, unit heater or gas furnace. Replace old-style manually-operated damper. No moving parts; require no attention or regulation. Essential for safe, efficient appliance operation.



VERTICAL DRAFT DIVERTER

DRAFT DIVERTERS

Prices on Application

HORIZONTAL DRAFT DIVERTER

(A.G.A. Approved — 5" through 8")

Pipe Size	Gauge	Weight, Lbs.
5"	26	5
6"	26	6
7"	26	8
8"	24	14
9"	24	16

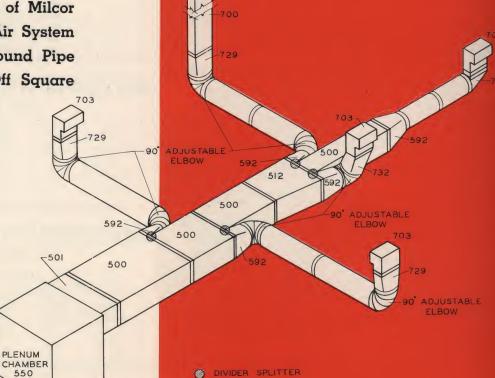
VERTICAL DRAFT DIVERTER (A.G.A. Approved)

Pipe Size	Gauge	Weight, Lbs.
3"	26	1
4"	26	2
5"	26	3
6"	26	4
7"	26	6
8"	24	9
9"	24	11

MILCOR FORCED AIR PIPE AND FITTINGS

Example of Milcor Forced Air System Using Round Pipe Taken Off Square

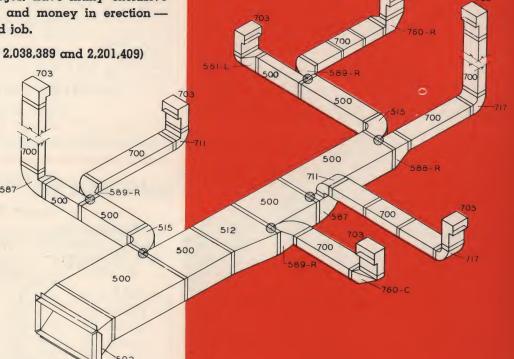
Trunk.

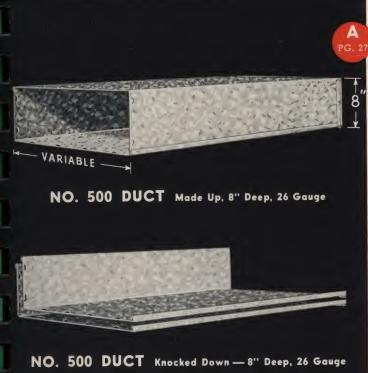


Milcor Forced Air Pipe and Fittings are carefully designed and fabricated. Special, patented locking devices plus superior design are offered at no additional cost. Constant research keeps the Milcor line abreast of building progress. Milcor Forced Air Pipe and Fittings, shown on these pages, have many exclusive features which save time and money in erection and make a better finished job.

(Lock-Joint Patent Nos. 2,038,389 and 2,201,409)

Milcor Forced Air System Made Up With Trunk Line and Rectangular Fittings.





MILCOR NO. 500 GALVANIZED DUCT FOR TRUNK LINE — 26 GAUGE

Shipped nested and assembled on the job. Made in 16", 32" and 64" lengths.

LIST PRICES RECTANGULAR DUCT EACH

Size Inches	16" Long	32" Long	64" Long	Size Inches	16" Long	32" Long	64" Long
4	\$1.34	\$2.16	\$3.90	20	\$2.62	\$4.30	\$ 7.90
5	1.42	2.29	4.15	22	2.78	4.58	8.40
6	1.50	2.42	4.40	24	2.94	4.86	8.90
8	1.66	2.68	4.90	26	3.10	5.14	9.40
10	1.82	2.94	5.40	28	3.26	5.42	9.90
12	1.98	3.20	5.90	30	3.42	5.70	10.40
14	2.14	3.46	6.40	32	3.58	5.98	10.90
16	2.30	3.74	6.90	34	3.78	6.30	11.40
18	2.46	4.02	7.40	36	3.98	6.62	11.90

Joist spaces should be considered when setting heating plant, in order to avoid trimming of duct. In modern residential construction, floor joists and wall studs are usually spaced 16" on centers. Milcor Duct is made in 16", 32" and 64" sections, in various widths as listed, so that vertical and horizontal take-offs can be located between joist spaces without the interference of trunkline joints.



NO. 550 PLENUM CHAMBER

Furnished with Top, Shipped Knocked Down. Easily Assembled.

MILCOR NO. 550 PLENUM CHAMBERS

26 Gauge

To arrive at List Price for a standard 36" High Plenum Chamber, multiply the number of inches in the circumference by 14c.

Example —

 $24 \times 24 \times 36$ " Plenum.

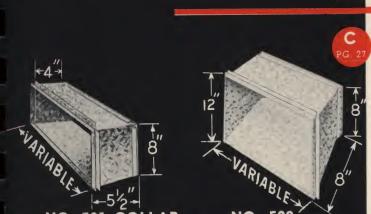
Girth = 24 + 24 + 24 + 24 = 96".

 $96'' \times 14c = $13.44 = List Price.$

LIST PRICES

For Plenum Height of	List Prices Per Inch of Girth	
12"	\$.06	
18"	.10	Times
24"	.10	Girth
30"	.14	Equals List
36"	.14	Price of
42"	.18	Chamber.
48"	.18)

When ordering Plenum Chambers, specify width of each side and height.



NO. 501 COLLAR

4" Long x 8" Deep Up to 36" in Width

NO. 502 OFFSET COLLAR 8" Long x 8" Deep Up to 36" in Width

MILCOR GALVANIZED STARTING COLLARS — 26 GAUGE

LIST PRICES EACH - STARTING COLLARS

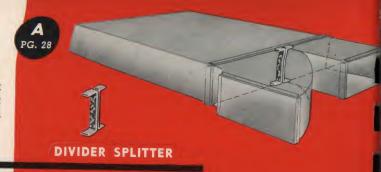
Size Inches	No. 501 Collar	No. 502 Collar
6	\$.95	\$2.20
8	1.05	2.45
10	1.15	2.70
12	1.20	2.95
14	1.30	3.20
16	1.40	3.50
18	1.55	3.75
20	1.65	4.00

Size	No. 501	No. 502
Inches	Collar	Collar
22	\$1.75	\$4.25
24	1.85	4.50
26	1.95	4.80
28	2.00	5.05
30	2.10	5.30
32	2.25	5.55
34	2.35	5.80
36	2.45	6.10

MILCOR DIVIDER SPLITTER

The Divider Splitter can be slipped into place with a minimum of effort. It provides a handy method of securely joining fittings to the duct. Made in standard 8" lengths.

List Price Each — \$.75



MILCOR GALVANIZED DUCT ACCESSORIES

COLLAR CONNECTIONS

30" Lengths List Price — \$.50 Per 30" Pc.

LOCK-JOINT CONNECTION

30" Lengths
List Price — \$.28 Per 30" Pc.

DUCT HANGER

9" Lengths
List Price — \$6.00 Per 100 Pcs.

"S" HOOK NO. 516

1" Wide. 60" Lengths. List Price — \$.55 Per 60" Pc.

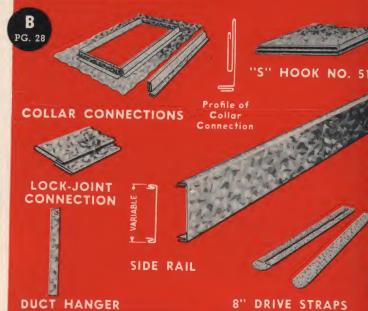
SIDE RAIL

Requires no extra seaming; can be snipped or notched to obtain reductions in the trunk line. 8' lengths. Packed 10 pcs. per ctn.

Size	List Price				
8"	\$2.16 Per 8' Pc.				
10"	2.64 Per 8' Pc.				

8" DRIVE STRAPS

List Price - \$8.50 Per 100 Pcs.



MILCOR LOCK-JOINT PUNCH

This handy tool will assist in making Lock-Joint connections on Wall Stack and Duct when odd lengths are required. Can also be used on Lock-Joint Furnace Pipe and Stove Pipe.

No gauge to set. 71/2" x 1" overall size—weight 11/2 lbs.



MILCOR RECTANGULAR VOLUME AND SPLITTER DAMPERS, AND ROUND VOLUME DAMPERS

RECTANGULAR VOLUME AND SPLITTER DAMPERS

Made in All Trunk Sizes
Adjustable Quadrant Included

LIST PRICES EACH

Sizes From:	List Prices Each	
4" x 8" to 6" x 8"	\$2.25	
7" x 8" to 12" x 8"	2.50	
13" x 8" to 25" x 8"	3.00	
26" x 8" to 36" x 8"	3.25	

ROUND VOLUME DAMPERS

Used in Round Branches Where No Friction Damper Is Included in Stack Head.

LIST PRICES EACH (Includes Adjustable Quadrant)

5	Size	List Prices Each	Size	List Prices Each
	4" 5"	\$1.20 1.20 1.20	7" 8"	\$1.30 1.40

PAGE 28



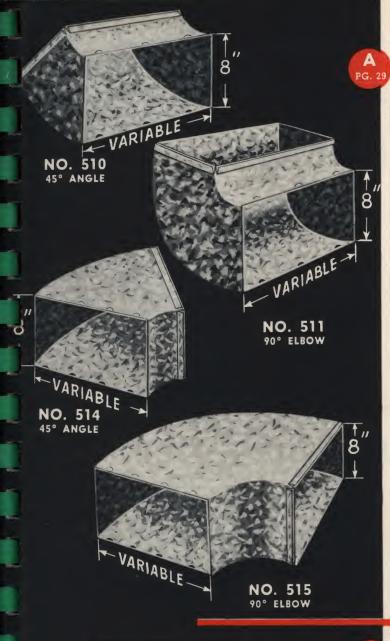




RECTANGULAR
SPLITTER DAMPER



ROUND VOLUME DAMPER



MILCOR GALVANIZED DUCT ELBOWS AND ANGLES

Sizes 4" x 8" Through 8" x 8" Have 3" Throat Radius. Sizes 10" x 8" Through 22" x 8" Have 5" Throat Radius. Larger Sizes Have 7" Throat Radius.

Galvanized Duct Elbows and Angles Standard 8" Deep.

Specify Horizontal Width First.

LIST PRICES EACH - 26 GAUGE

Size Inches	No. 510 Angle	No. 511 Elbow	No. 514 Angle	No. 515 Elbow
4 x 8	\$1.55	\$2.10	\$ 1.90	\$ 2.50
5 x 8	1.65	2.15	1.95	2.60
6 x 8	2.00	2.65	2.05	2.75
8 x 8	2.20	2.90	2.25	3.00
10 x 8	2.35	3.10	2.60	3.45
12 x 8	2.50	3.35	2.80	3.70
14 x 8	2.70	3.60	2.95	3.95
16 x 8	2.85	3.85	3.25	4.30
18 x 8	3.15	4.15	3.60	4.75
20 x 8	3.40	4.50	4.05	5.35
22 x 8	3.60	4.85	4.80	6.35
24 x 8	3.90	5.15	5.45	7.30
26 x 8.	4.35	5.85	6.20	8.25
28 x 8	4.95	6.60	7.20	9.60
30 x 8	5.50	7.35	8.40	11.25
32 x 8	5.90	7.90	9.00	12.00
34 x 8	6.35	8.45	9.55	12.75
36 x 8	6.75	9.00	10.15	13.50



NO. 517 END CAP

MILCOR GALVANIZED REDUCERS, INCREASERS AND END CAPS

Reducers and Increasers are 12" long.
Reducer has Locking Collar on small end.
Increaser has Locking Collar on large end.
Specify inlet and outlet sizes when ordering.
Size of large end determines price.

LIST PRICES EACH-26 GAUGE

	No. 512 Increaser			No. 512 Increaser	
Size	OF	No. 517	Size	or	No. 517
Inches	Reducer	End Cap	Inches	Reducer	End Cap
4 x 8	\$1.75	\$.76	20 x 8	\$3.00	\$1.00
5 x 8	1.79	.77	22 x 8	3.18	1.04
6 x 8	1.87	.78	24 x 8	3.37	1.08
8 x 8	2.03	.82	26 x 8	3.93	1.12
10 x 8	2.19	.83	28 x 8	4.09	1.17
12 x 8	2.35	.85	30 x 8	4.25	1.21
14 x 8	2.51	.88	32 x 8	4.41	1.25
16 x 8	2.67	.92	34 x 8	4.57	1.29
18 x 8	2.83	.96	36 x 8	4.73	1.33

MILCOR TAKEOFFS AND STACK ADAPTERS

NO. 561 TAKEOFF

LIST PRICES EACH-8" DEEP

Size, Inches	No. 561			
4 x 8 10 x 3 ¹ / ₄	\$4.20			
5 x 8 12 x 3 ¹ / ₄	4.45			
6 x 8 14 x 3 ¹ / ₄	4.80			







NO. 561-R TAKEOFF (Right)



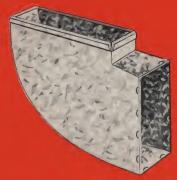
NO. 561-C TAKEOFF (Center)

NO. 587 TOP TAKEOFF

LIST PRICES EACH-8" DEEP

Size, Inches	No. 587
4 x 8 10 x 3 ¹ / ₄	\$2.60
5 x 8 12 x 3 ¹ / ₄	2.75
6 x 8 14 x 3 ¹ / ₄	2.95





NO. 587 TOP TAKEOFF

NO. 588 STACK ADAPTER

LIST PRICES EACH-8" DEEP

Size, Inches	No. 588
4 x 8 10 x 3 ¹ / ₄	\$2.10
5 x 8 12 x 3 1/4	2.40
6 x 8 14 x 3 ¹ / ₄	2.70

C PG. 30





NO. 588-R STACK ADAPTER (Right)



NO. 588-C STACK ADAPTER (Center)



NO. 589-L COMBINATION TAKEOFF AND STACK ADAPTER (Left)



NO. 589-R COMBINATION TAKEOFF AND STACK ADAPTER (Right)



MILCOR TAKEOFFS AND STACK ADAPTERS

NO. 589 COMBINATION TAKEOFF AND STACK ADAPTER

LIST PRICES EACH-8" DEEP

Size, Inches	No. 589
4 x 8 10 x 3 ¹ / ₄	\$4.20
5 x 8 12 x 3 ¹ / ₄	4.45
6 x 8 14 x 3 ¹ / ₄	4.80



NO. 592 UNIVERSAL TRANSFORMER

LIST PRICES EACH-8" DEEP

Inches, Size	No. 592
3" x 8" 6" Collar	\$1.50
4" x 8" * 6" Collar	1.50
4" x 8" 7" Collar	1.50
5" x 8" * 7" Collar	1.65
5" x 8" 8" Collar	1.65
6" x 8" *8" Collar	1.80

^{*}Standard unless otherwise specified.



NO. 592 UNIVERSAL TRANSFORMER

NO. 594-L SQUARE TO ROUND

(Left)



NO. 594-R SQUARE TO ROUND TOP TAKEOFF (Right)



NO. 594 SQUARE TO ROUND TOP TAKEOFF

LIST PRICES EACH-8" DEEP

Size, Inches	No. 594
6" Collar 4" x 8"	\$2.15
7" Collar 5" x 8"	2.35
8" Collar 6" x 8"	2.60



MILCOR TRUNK LINE TRANSFORMERS

NO. 590 45° TAKEOFF

TIO! I KIO	ES EAGII
Size	Price
6" Collar	\$1.75
7" Collar	2.00
8" Collar	2.25

NO. 591 SIDE STACK TAKEOFF

LIST PRICES EACH

Size	Price		
10" x 31/4"	\$2.00		
12" x 31/4"	2.25		
14" x 31/4"	2.75		

NO. 593 TOP STACK TAKEOFF

LIST PRICES EACH

Size	Price			
10" x 3 ¹ / ₄ " 12" x 3 ¹ / ₄ " 14" x 3 ¹ / ₄ "	\$2.00 2.25 2.75			

NO. 595 90° TOP TAKEOFI

LIST I KICL	J LACH
Size	Price
6" Collar	\$2.00
7" Collar	2.25
8" Collar	2.75

MILCOR EXTENDED PLENUM SYSTEM FOR RESIDENTIAL FORCED WARM AIR HEATING

(Recommended for Forced Air Systems Under 120,000 BTU Requirements)

Minimum Installation Costs — Duct Size Maintained for Entire Length of Run — 8" Depth

CONDENSED SIZING CHART

Total Horizontal Distance — Furnace to Register — Not over 25 feet*

		WARM A	IR				RETURN AIR			
BTU Branch Size				Forced Air Intake or Register Size Register Size			Joist Space B		ranch Size	
Rectan- gular	Round	Stack Size	Sidewall or Baseboard	Floor	Baseboard	Floor	Min. Cu. In. Req.	Rectan-	Round	
10" x 3 ¹ / ₄ " 12" x 3 ¹ / ₄ " 14" x 3 ¹ / ₄ "	6" 7" 8"	10" x 3 ¹ / ₄ " 12" x 3 ¹ / ₄ " 14" x 3 ¹ / ₄ "	10" x 6" 12" x 6" 14" x 6"	10" x 8" 12" x 9" 14" x 8"	10" x 6" 12" x 6" 14" x 6"	10" x 8" 12" x 9" 14" x 8"	42" 56" 70"	10" x 3 ¹ / ₄ " 12" x 3 ¹ / ₄ " 14" x 3 ¹ / ₄ "	6" 7" 8"	
	Rectangular 10" x 31/4" 12" x 31/4"	Rectangular Round 10" x 3½" 6" 12" x 3¾" 7"	Branch Size Stack Stack Size	Branch Size Stack Sidewall or Baseboard Rectangular Round Size Saseboard 10" x 3½" 6" 10" x 3½" 10" x 6" 12" x 3¾" 7" 12" x 3½" 12" x 6"	Branch Size	Branch Size	Forced Air Register Size R	Forced Air Register Size Register Size Register Size Space	Forced Air Register Size Register Size Register Size Space Branch	

*If horizontal distance is over 25 feet use next largest size listed on chart.

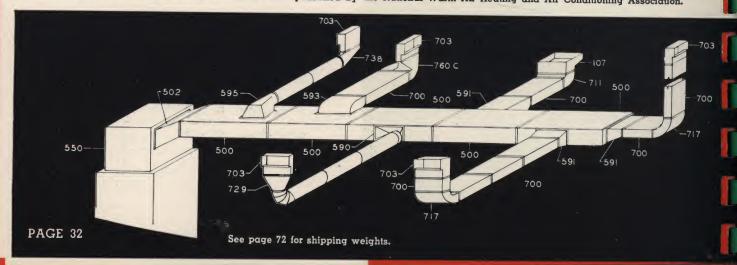
Calculate Branch and Duct Size as follows:

- Determine the BTU requirements for each room. (We recommend using the method outlined by the National Warm Air Heating and Air Conditioning Association Manual 3 of Practical Warm Air Heating.)
- Refer to above chart for Branch Size and Register Size (Warm Air and Return Air).
- 3. Determine Duct width as follows: Number of Warm Air Branches \times 2 plus an additional 2".

Example: If there are 6 Warm Air Branches the duct width should be 6 x 2" equals 12" plus 2" equals 14". Duct Size 14" x 8" deep.

Takeoff connections should be installed at least one joist space apart. Equip each branch run with damper.

For Forced Warm Air Systems over and above 120,000 BTU we recommend an installation similar to diagrams shown on Page 26. For engineering data refer to manual No. 7 published by the National Warm Air Heating and Air Conditioning Association.





MILCOR GALVANIZED STACK BOOTS FOR FORCED AIR SYSTEMS

LIST PRICES EACH - NOS. 729 & 732

Size, Inches	No. 729 Boot	No. 732 Boot
*10 x 31/4 — 6" Collar	\$1.70	\$1.70
10 x 3½ — 7" Collar	1.70	1.70
*12 x 31/4 — 7" Collar	1.85	1.85
*14 x 31/4 — 8" Collar	2.00	2.00

LIST PRICES EACH - NOS. 738 & 740

Size, Inches	No. 738 Boot	No. 740 Boot
*10 x 31/4 — 6" Collar	\$1.85	\$2.15
10 x 31/4 — 7" Collar	1.85	2.15
*12 x 31/4 — 7" Collar	2.10	2.35
*14 x 31/4 — 8" Collar	2.45	2.60

^{*}Standard unless otherwise specified.

These boots are designed to solve virtually any angle problem that might be encountered in making an installation.



NO. 714 45° ANGLE

NO. 715

90° ELBOW

MILCOR GALVANIZED STACK FITTINGS FOR FORCED AIR SYSTEMS

LIST PRICES EACH - NO. 700 WALL STACK

Size,	NO. 700 GALV. WALL STACK		
Inches	24" Joint	12" Joint	6" Joint
10 x 3 1/4	\$1.65	\$1.00	\$.75
12 x 31/4	1.80	1.10	.80
14 x 31/4	1.96	1.20	.85

LIST PRICES EACH - NOS. 710, 711 & 714

Size, Inches	No. 710 Angle	No. 711 Elbow	No. 714 Angle
10 x 3 1/4	\$1.50	\$1.90	\$1.75
12 x 31/4	1.55	2.10	1.90
14 x 3 ½	1.80	2.40	2.10

LIST PRICES EACH - NOS. 715 & 717

Size, Inches	No. 715 Elbow	No. 717 Elbow
10 x 3 1/4	\$2.35	\$2.15
12 x 3 1/4	2.55	2.40
14 x 3 1/4	2.80	2.75

MILCOR GALVANIZED STACK **REVERSE ELBOWS** FOR FORCED AIR SYSTEMS

LIST PRICES EACH-NO. 760

Size	List Prices Each	
10" x 31/4"	\$3.25	
12" x 31/4"	3.65	
14" x 31/4"	4.30	



REVERSE ELBOW (Right) REVERSE ELBOW (Left)

MILCOR GALVANIZED STACK HEADS B FOR FORCED AIR SYSTEMS

LIST PRICES EACH-NO. 703

Stack Size	Register Size	Less Damper
	10" x 4"	\$1.70
10" x 31/4"	10" x 5"	1.70
	10" x 6"	1.70
	12" × 4"	\$1.85
12" x 31/4"	12" x 5"	1.85
	12" x 6"	1.85
	14" × 4"	\$2.20
14" x 31/4"	14" x 5"	2.20
	14" x 6"	2.20

LIST PRICES EACH-NO. 704

Stack Size	Register Size	List Prices Each
10" x 31/4"	10" x 6"	\$2.10
12" x 31/4"	12" x 6"	2.30
14" x 31/4"	14" x 6"	2.70

LIST PRICES EACH - NO. 707

Stack Size	Register Size	List Prices Each
	10" x 4"	\$1.70
10" x 31/4"	10" x 5"	1.70
	10" x 6"	1.70
	12" x 4"	1.85
12" x 31/4"	12" x 5"	1.85
	12" x 6"	1.85
	14" × 4"	2.20
14" x 31/4"	14" x 5"	2.20
	14" × 6"	2.20

No. 707 Horizontal Stack Head can also be used as a vertical head for Floor Register.



STACK HEAD





NO. 707 HORIZONTAL STACK HEAD



MILCOR GALVANIZED FITTINGS FOR 4-INCH PIPE SYSTEM

LIST PRICES

NO. 590-45° SIDE TAKEOFF

Base Size	Collar Size	List Price Each	
4" x 6½"	4"	\$1.75	

NO. 595 - 90° TOP TAKEOFF

Base Size	Collar Size	List Price Each	
4" x 6 1/2"	4"	\$2.00	

NO. 729 UNIVERSAL BOOT

Adjustable to 45°

Stack Size	Collar Size	List Price Each
10" x 31/4"	4"	\$1.70

NO. 738 - 90° END BOOT

Stack Size	Collar Size	List Price Each	
10" x 31/4"	4"	\$1.85	

NO. 740-90° ANGLE BOOT

L	Stack Size	Collar Size	List Price Each	
	10" x 31/4"	4"	\$2.15	

NO. 742-90° ANGLE REGISTER BOOT

Register Opening	Collar Size	List Price Each	
21/4" x 14"	4"	\$2.45	
4" × 10"	4"	2.15	

NO. 743—FLOOR REGISTER PAN

Register Opening	Depth	List Price Each	
21/4" x 14"	7"	\$2.00	
4" x 10"	7"	1.50	

NO. 748 — CENTER END REGISTER BOOT

Register Opening	Collar Size	List Price Each	
21/4" x 14"	4"	\$2.45	
4" x 10"	4"	1.85	

ADJUSTABLE DRAW BAND

Size	List Price Each	
4" - 4" Wide	\$.70	

STYLE "A" CASING COLLAR

Size	List Price Each		
4"	\$.37		

ROUND VOLUME DAMPER

Size	List Price Each		
4"	\$1.20		

Other fitting requirements such as Pipe, Elbows and Floor Pans are shown on preceding pages of this catalog.

MILCOR GALVANIZED FITTINGS FOR PERIMETER SYSTEM

NO. 801 — Register Takeoff. Used as saddle on 8" pipe.

NO. 802 — Register Tee-Joint. 24" long. Used on loop system around perimeter of building.

NO. 805—Register Cap. Used as plug when concrete is poured.

NO. 810—90° Register Boot. Used as transition from pipe extending directly from plenum.

NO. 811 — Register End Boot. Used as transition from pipe extending directly from plenum.

NO. 820—Baseboard Stackhead. Used for baseboard out of wall register installation.

NO. 825 — Perimeter Airflo Tee-Joint. 8" x 8" x 8" size. Used for connecting feeder pipe to perimeter loop.

LIST PRICES EACH

NOS. 801, 802, 805, 810 & 811

	Pipe Size	2½" x 14"	4" x 10"	4" x 12"	4" x 14"
NO. 801 TAKEOFF	8"	\$1.25	\$1.00	\$1.25	\$1.50
NO. 802 TEE	8"	3.50	3.00	3.50	3.75
NO. 805 CAP		1.00	.90	1.00	1.10
NO. 810 90° BOOT	8"	2.50	2.40	2.50	2.60
NO. 811 END BOOT	8"	2.50	2.40	2.50	2.60

LIST PRICES EACH—NO. 820

Register Size	Stack Size	List Price, Each
10" x 6"	10 x 31/4"	\$1.70
12" x 6"	12 x 31/4"	1.85
14" x 6"	14 x 3½"	2.20

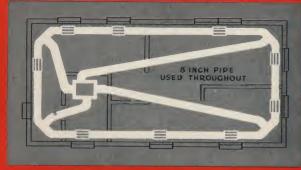
LIST PRICE EACH—NO. 825

Pipe Size,	Pipe Size,	List Price,
Diameter	Length	Each
8"	14"	\$2.60

Perimeter Forced Warm Air Heating Systems (see diagrams of typical installations at the right) provide the best and most efficient indoor comfort for basementless buildings. They are adaptable to any kind of construction and are simple and economical to install.

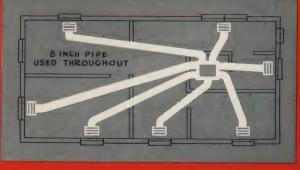
All other Fitting requirements for perimeter heating installations, such as Pipe, Elbows, Angles, Takeoffs, Collars and Draw Bands, will be found on preceding pages of this catalog.





PERIMETER LOOP SYSTEM

Used in buildings with concrete slab foundations. The ducts are embedded in the concrete. 8" Pipe used for entire system.



PERIMETER RADIAL SYSTEM

For use in either a concrete slab foundation or a crawl space house. This system is ideally suited for smaller homes. 8 'Pipe used for entire system.



HART & COOLEY BASEBOARD REGISTERS NO. 130 SERIES

(With Removable Face)

No. 130 Series Registers, with removable face, are outstanding because of their distinctive appearance combined with large free area and low resistance. Flexible horizontal fins provide exceptional concealment of duct. Finest workmanship is reflected in every detail.

LIST PRICES EACH - NO. 130

Size Stackhead Opening. Horizontal Dimension First. Inches	Proj. from Wall at Base	Meta- lustre	White Japan	Free Area Square Inches	Overall Size Inches
10 x 8	21/4"	\$ 4.00	\$ 4.70	63	13½ x 12
12 x 8		4.80	5.80	78	15½ x 12
12 x 9	3½"	6.00	7.00	88	15½ x 13
13 x 11	5½"	10.50	12.00	118	16½ x 14¾

Only Metalustre finish carried in stock.





HART & COOLEY RETURN AIR INTAKES

NO. 603 — For installation in baseboard; has 4" projection from wall.

NO. 623—Flexible Fin-Type Intake with side and top margins turned back 1 inch.

NO. 653 — Flexible Fin-Type Intake for installations in which the height of the baseboard is greater than that of the intake.

LIST PRICES EACH

		List I	Prices	Free	
	Opening Size Inches	Meta- lustre	White Japan	Area Square Inches	Overall Size Inches
No. 603	14 x 10	\$ 5.00	\$ 6.00	115	173/4 x 11
No. 603	30 x 10	10.00	12.50	223	331/6 x 11
Nos. 623-653	14 x 4	2.00		47	161/4 x 51/2
Nos. 623-653	30 x 4	4.30		100	32½ x 5½



NO. 330 SIDEWALL REGISTER



HART & COOLEY SIDEWALL REGISTERS

NO. 330 SIDEWALL REGISTER

The face of this register is of the flexible fin type, matching in design No. 130 Series Baseboard Register. Available only in sizes listed below. Free area is so great that sizes larger than 12×8 are not necessary.

LIST PRICES EACH - NO. 330

Opening Size	Meta- lustre	White Japan	Free Area Square Inches	Overall Size Inches
10 x 8	\$3.00	\$3.60	61	12½ x 10¼
12 x 8	3.50	4.20	74	14¼ x 10¼

Only Metalustre finish carried in stock.

NO. 345 REVERSIBLE SIDEWALL REGISTER

The same register may be installed in either a horizontal or vertical setting by simply removing two of the four screws which attach the valve to the stackhead flange. The advantage of a dual-purpose register of this type is obvious.

LIST PRICES EACH - NO. 345

Opening Size	Meta- lustre	White Japan	Free Area Square Inches	Overall Size Inches
8 x 10	\$3.00	\$3.60	56	10¼ x 12¼
8 x 12	3.50	4.20	67	10¼ x 14¼

Only Metalustre finish carried in stock.

HART & COOLEY NO. 210 "NO-FLEX" FLOOR REGISTER

No. 210, with mesh openings $\frac{7}{6}$ " x $1^{1}\frac{7}{6}$ ". Free area averages 75%. Construction exceptionally rigid. Face removable from body. Screws are recessed below level of face. Very popular in Medium Dark Oak Finish. Class number of face only to fit body is No. 218.

LIST PRICES EACH - NO. 210

Opening Size Inches	Black Japan	Oak	Free Area Square Inches	Overall Size Inches
6 x 10	\$ 3.20	\$ 3.40	45	713/6 x 1113/6
6 x 12	3.60	3.90	55	713/6 x 1313/6
6 x 14	5.10	5.50	64	713/6 x 1513/6
8 x 10	3.40	3.70	61	913/16 x 12
9 x 12	4.30	4.70	84	1013/16 x 14
10 x 12	4.80	5.20	94	1113/16 x 14
12 x 14	8.50	9.10	133	1313/16 x 16
14 x 16	13.70	14.40	179	1513/6 x 1713/6

Oak finish carried in stock.



HART & COOLEY NO. 265 "NO-FLEX" RETURN AIR FACE

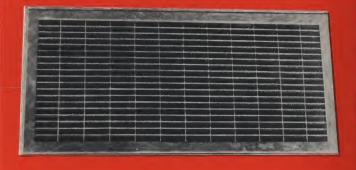
(1) Large air capacity; (2) Shallow depth — an important factor where single flooring is used.

Narrow mesh $(\%_6 \times 1^{1}\%_6)$. Flush intersections and square upper edges improve appearance and provide better walking surface.

LIST PRICES EACH - NO. 265

Opening	Black Japan	Oak,	Free Area,
Size	or	Lacquer	Square
Inches	Metalustre	Finishes	Inches
6 x 10	\$ 2.00	\$ 2.20	45
6 x 12	2.40	2.70	55
6 x 14	3.10	3.50	64
6 x 24	6.00	6.70	111
6 x 30	6.80	7.60	140
8 x 10	2.20	2.50	59
8 x 14	3.30	3.70	87
8 x 24	6.40	7.20	151
8 x 30	7.20	8.10	190
10 x 12	3.40	3.80	92
10 x 24	6.80	7.60	191
10 x 30	7.50	8.40	240
12 x 14	5.00	5.60	131
12 x 24	7.50	8.40	230
12 x 30	8.00	9.00	289
14 x 16	6.20	6.90	179
14 x 24	8.20	9.20	271
14 x 30	9.20	10.30	340
18 x 30	12.20	13.70	420

Oak finish carried in stock.



NO. 265 "NO-FLEX" RETURN AIR FACE

HART & COOLEY NO. 2250 ADJUSTABLE CEILING VENTILATOR

Made to carry surplus heat from a lower to an upper room. Ventilators are complete, ready for installation, each consisting of one black japanned floor register, and one white japanned face, connected by a three-piece tin box which is adjustable from 6 to 12 inches in depth.

LIST PRICES EACH - NO. 2250

Size*	Weight Each Lbs.	Price Each
8 x 10	7	\$ 6.50
9 x 12	9	8.50
10 x 12	10	9.70
12 x 14	12	15.70

*Cut floor and ceiling openings $\frac{1}{2}$ " larger than listed size on each dimension.



NO. 2250 ADJUSTABLE CEILING VENTILATOR



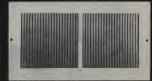
NO. 750 SIDEWALL GRILLE OR INTAKE



NO. 751 SIDEWALL REGISTER



NO. 754 BASEBOARD REGISTER



NO. 757 BASEBOARD

VALVE CONSTRUCTION



VALVE OPEN



VALVE CLOSED AIR-TIGHT



DETAIL OF REGULATOR



Fig. 1 10° deflection JP; Regulator



Fig. 2 rizontal air v; Regulaset at ''<u>S</u>''



Fig. 3 20° deflection DOWN; Regulator set at ''D''



Fig. 4
Air flow with conventional register. Note turbulence.

HART & COOLEY FORCED AIR REGISTERS, GRILLES AND INTAKES

NO. 75 SERIES

Airflow on Nos. 751 and 754 may be adjusted Sideways; also Up, Straight or Down.

NO. 750 — Has $\frac{3}{6}$ " turndown. No valve or installation frame. May be used without frame or with Nos. 2, 3 and 5 frames.

NO. 751 — Has $\frac{3}{6}$ " turndown with Sponge Rubber Gasket. Equipped with Turning Blade Valve. No installation frame. May be used without frame or with Nos. 2, 3 and 5 frames.

NO. 754 — Has $\frac{7}{6}$ " projection. Equipped with Turning Blade Valve. No installation frame. May be used without frame or with Nos. 2 and 8 frames.

NO. 757 — No. 757 is standard without installation frame or valve. If intake with valve is required, specify No. 754 Register.

LIST PRICES EACH - NO. 75 SERIES

Size.	No. 750 Sidewall Intake	No. 751 Sidewall Register	No. 754 Baseboard Register	No. 757 Baseboard Intake
Inches	Prime Coat	Prime Coat	Prime Coat	Prime Coat
10 x 4	\$1.70	\$3.70*	\$3.90*	\$1.90
10 x 5	1.80	3.90	4.10	2.00
10 x 6	1.90*	4.10*	4.30*	2.10*
12 x 4	1.80	3.90*	4.10*	2.00
12 x 5	2.00	4.30	4.50	2.20
12 x 6	2.10*	4.50*	4.70*	2.30*
14 x 4	1.90	4.10*	4.30*	2.10
14 x 5	2.10	4.50	4.70	2.30
14 x 6	2.20*	4.80*	5.10*	2.50*
24 x 6	3.20*			3.60*
30 x 6	3.90*			4.40*

^{*}Standard item recommended in Section 7 of Code and Manual for Winter Air-Conditioning Systems.

OVERALL SIZES

Overall sizes of all registers, grilles and intakes shown may be obtained by adding 11/4" to both dimensions of the nominal or duct opening sizes shown in the tables on this page.

OUR STOCK OF FORCED AIR REGISTERS AND INTAKES IS LIMITED TO PRIME COAT ONLY.

VALVE CONSTRUCTION — NO. 75 SERIES

When the valve is opened, as shown at left, the individual valve louvers automatically stop in position to provide the proper air flow — up, straight or down, as required. Desired deflection is obtained by turning the regulator to the proper setting (see circle at left).

HART & COOLEY CEILING DIFFUSER

Engineered to be used with heating units for residential use. Has a resistance rating equal to or less than comparable size registers. Installation can be made without changing the size of the blower. Equipped with removable installation flange and sponge rubber gasket seal.

		GI	ENERAL I	List Price	
	Size (to Fit Opening)	Overall Size	Branc	m Required h Pipe Size quivalent	Outlet with Flange
Number		Dia.	Round	Rectangular	P.C.
106	6′′*	81/2"	6"	4 x 8	\$3.40
108	8"	101/2"	6"	4 x 8	4.10
110	10"	12"	7"	5 x 8	5.00
112	12"	14"	8"	6 x 8	5.90
114	14"	16"	9"	8 x 8	7.00

^{*6&}quot; Outlets recommended only for extremely small rooms.



CEILING DIFFUSER



NO. 401 "DIFFUSAIRE" REGISTER



HART & COOLEY NO. 401 "DIFFUSAIRE"

Sidewall Diffuser Type Register for Perimeter Heating.

Attractive and functional in design, the No. 40 Design "Diffusaire" disperses the air in a 170° spread upward to provide a curtain of warm air over the entire cold wall or window area. Thus downdrafts of cold air from these areas are counteracted. A small portion of warm air is also directed out over the floor.

LIST PRICES EACH - NO. 401

Size, Inches	List Prices Each Prime Coat	Free Ārea Sq. In.
10 x 6	\$3.00	36
12 x 6	3.30	42
14 x 6	3.50	48

HART & COOLEY FORCED AIR REGISTERS, **GRILLES AND INTAKES**

NO. 74 SERIES

UP, STRAIGHT, OR DOWN DEFLECTION

No. 740 is for use as a Grille or Return Air Intake. Has 3/6" turndown. No valve or installation frame.

No. 741 is standard without installation frame and with single-shutter valve. Has 3/6" turndown. Has sponge rubber gasket.

No. 744 is standard without installation frame and with single shutter valve.

No. 747 is standard without installation frame or valve: If intake with valve is required, specify No. 744 Register.

	LIST PRICES EACH - NO. 74 SERIES							
	NO. 740 SIDEWALL	NO. 741 SIDEWALL	NO. 744 BASEBOARD	NO. 747 BASEBOARD				
Size,	INTAKE	REGISTER	REGISTER	INTAKE				
Inches	Prime Coat	Prime Coat	Prime Coat	Prime Coat				
10 x 4	\$1.70	\$2.70*	\$2.90*	\$1.90				
10 x 5	1.80	2.90	3.10	2.00				
10 x 6	1.90*	3.00*	3.20*	2.10*				
12 x 4	1.80	2.90*	3.10*	2.00				
12 x 5	2.00	3.20	3.40	2.20				
12 x 6	2.10*	3.30*	3.50*	2.30*				
14 x 4	1.90	3.00*	3.20*	2.10				
14 x 5	2.10	3.30	3.50	2.30				
14 x 6	2.20*	3.50*	3.80*	2.50*				
24 x 6	3.20*			3.60*				
30 x 6	3.90*		*******	4.40*				

*Standard sizes recommended in Section 7 of Code and Manual for winter air-conditioning systems.

OVERALL SIZES — Overall sizes of all registers, grilles and intakes shown may be obtained by adding $11/4^{\prime\prime}$ to both dimensions of the nominal or duct opening sizes shown in the tables on this page.

OUR STOCK OF FORCED AIR REGISTERS AND INTAKES IS LIMITED TO PRIME COAT FINISH ONLY.

HONEYWELL AIR CONDITIONING REGISTER AND ADAPTER PLATE

D500A REGISTER

The Honeywell Air Diffusion Register is a modern, compact unit combining the functions of air volume control and draft-free air diffusion. The extended curve design of the diffusion vanes provides maximum reduction of the register velocity without excessive resistance or dampering effect. Regardless of the register's location in the room, this curved extension front with individually adjustable diffusion vanes permits any shape of room to be evenly blanketed with air.

Nominal Register Size, In.	Free Area (Sq. In.)	List Price
10 x 4	30	WRITE
12 x 4	36	FOR
14 x 4	42	PRICES

A307 ADAPTER PLATE

Adapter Plates are available to facilitate attachment of the Series D500A Registers to either 5" or 6" high stackheads. These plates are of matching prime coat finish and are equipped with a special resilient seal-off strip on the underside to assure streak-proof operation. The Adapter Plate is mounted on the wall against the stackhead opening. Wood and metal screws are furnished.

Plates are steel with 1/8" flange.

SIZES - 10" x 4", 12" x 4", 14" x 4". Write for prices.

HART & COOLEY NO. 411 "DIFFUSAIRE" FLOOR DIFFUSER REGISTER

For Perimeter Heating and other installations.

No. 411 "Diffusaire" is an advanced design with heavy gauge, curved vanes. Delivers fan shaped pattern of warm air to blanket cold wall or window area. Vames adjustable for any air pattern desired. Exclusive opposed louver type valve on 4" and 6" widths does not disturb the direction of vertical air pattern regardless of volume control setting. No. 411 also ideal for installations under kitchen cabinets, in stair risers, in picture window sills, etc. No rattling or whistling when used with high velocity sidewall installations.

LIST	PRICES	EACH -	NO. 411

	0 · · · · · · · · · · · · · · · · · · ·		
Size	Metalustre	Oak	Free Area
(to fit opening)	Finish	Finish	Sq. In.
*21/4" x 14"	\$4.80	\$5.10	22
*4" x 10"	3.90	4.10	29
*4" x 12"	4.20	4.50	35
*4" x 14"	5.30	5.60	40
*6" x 10"	4.10	4.30	44
*6" x 12"	4.40	4.70	53
*6" x 14"	5.60	5.90	60

Standard size recommended in Manual 4 N.W.A.H. & A.C.A. Code and Manual for Warm Air Perimeter Heating.







NO. 740 SIDEWALL GRILLE or INTAKE

NO. 741 SIDEWALL REGISTE





NO. 744 BASEBOARD REGISTER

BASEBOARD INTAKE



D500A REGISTER



A307 ADAPTER PLATE

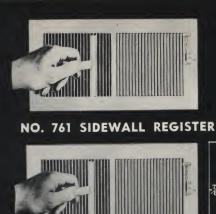


NO. 411 "DIFFUSAIRE" FLOOR DIFFUSER REGISTER



perfected curved diffusion vanes. The combination of these

features provide positive control of the air pattern.



NO. 764 BASEBOARD REGISTER



HART & COOLEY FORCED AIR REGISTERS

NO. 76 SERIES

No. 761 has multi-shutter valve, sponge rubber gasket, $\frac{3}{6}$ " turndown on margin. No installation frame. Fits Nos. 2, 3 and 5 frames or may be used without frame.

No. 764 has multi-shutter valve, without gasket. Fits Nos. 2 and 8 frames or may be used without frame.

LIST PRICES EACH - PRIME COAT

Size, Inches	NO. 761 SIDEWALL REGISTER	NO. 764 BASEBOARD REGISTER	Free Area Sq. In.
10 x 6	\$4.10	\$4.30	38
12 x 6	4.50	4.70	47
14 x 6	4.80	5.10	56

For matching grilles or intakes specify No. 750 or No. 757.

SLOTS FOR STACHHAD STRAIS SLOTS FOR ATTACHING REGISTER OF GRILLE REGISTER OF NAIL HOLES SCREW OF NAIL HOLES

NO. 2 BAND IRON FRAME



CUT-AWAY VIEW OF NO. 2 FRAME AND NO. 751 REGISTER



NO. 3 SIDEWALL STUD FRAME



CUT-AWAY VIEW OF NO. 3 FRAME AND NO. 751 REGISTER



NO. 4 BASEBOARD FRAME



CUT-AWAY VIEW OF NO. 4 FRAME AND NO. 401 REGISTER



NO. 5 BASEBOARD STACK FRAME



CUT-AWAY VIEW OF NO. 5 FRAME AND NO. 751 REGISTER



NO. 8 BASEBOARD STUD FRAME



CUT-AWAY VIEW OF NO. 8 FRAME AND NO. 751 REGISTER

FRAMES FOR FORCED AIR REGISTERS NO. 2 BAND IRON FRAME

A simple, inexpensive means for connecting the register with the stackhead. Stackhead is attached by forming over the frame or by straps inserted through slots in the frame. The register or grille is then screwed to the frame, holding the face securely against the wall. Holes are provided for nailing or screwing the frame to the studs or a header, if desired.

NO. 3 SIDEWALL STUD FRAME

Ideal for installing sidewall registers in new house work. Extension arms fasten directly to studs, eliminating all blocking-in and providing a solid permanent foundation for register and stackhead. Stackhead is attached by forming the edge of the stackhead over the inner edge of the frame. Can also be attached with screws, if desired, in holes provided. Lath or wall board can be applied directly to the studding over the extension arms and right up to the projecting portion of the frame, eliminating notching out for the extension arms, thus permitting a good plaster base right up to the frame collar.

NO. 4 BASEBOARD FRAME

No. 4 frame in combination with the No. 40 or 74 Design Register or Grille provides a two-piece out-of-wall installation. For use in structures of solid masonry walls or old house installations where stacks cannot be placed between studs. Frame forms solid foundation for register and stackhead. Sponge rubber gasket on register prevents air leakage and streaked walls. Can be used with sidewall grille for return air intake. 3¾" base projection.

NO. 5 BASEBOARD STACK FRAME

Easy to install on either old or new house work. Frame is simply screwed to the wall through holes set at an angle so that the screws engage the studs. Stackhead is formed over frame, face is screwed to frame, and the installation is complete. Frame forms solid foundation for register and stackhead; sponge rubber gasket on register prevents air leakage and streaked walls. Frame has depth of %". Distance from floor to stackhead is %".

NO. 8 BASEBOARD STUD FRAME

Same general construction as No. 3 Frame except that overall depth is 1%" instead of 34". Offers all the advantages for baseboard installations that No. 3 Frame does for sidewall installations. Installation is similar to No. 3 Frame. No. 8 Frame is located at proper height by inserting piece of finished flooring between subflooring and bottom edge of frame as a guide.

LIST PRICES EACH - FRAMES ONLY

Size, Inches	NO. 2	NO. 3	NO. 4	NO. 5	NO. 8
10 x 4	\$.40	\$1.20		\$1.20	\$1.20
10 x 5	.40	1.30	1 ~	1.30	1.30
10 x 6	.40	1.30	\$2.20	1.30	1.30
12 x 4	.40	1.30		1.30	1.30
12 x 5	.50	1.40		1.40	1.40
12 x 6	.50	1.40	2.30	1.40	1.40
14 x 4	.40	1.30		1.30	1.30
14 x 5	.50	1.40		1.40	1.40
14 x 6	.50	1.60	2.40	1.60	1.60
30 x 6	.90	2.80	v	2.80	2.80

HART & COOLEY DAMPER REGULATOR SETS

No. 70 Set consists of two identical threaded bearings with retractable bearing-bolt, one washer, one wing nut and handle. A one-blow set—the most easily and quickly attachable of any yet offered to the trade.

No. 77 Set (with Dial) — $\frac{1}{16}$ " Bearings. Comes packed 12 Sets to the Carton. Sets are furnished as illustrated with two bearings as described above, one Dial Assembly as shown, one wing nut, one washer and two sheet metal screws.

No. 80% Complete Set (%" Bearings) with solid end bearing. 36 Sets per Shipping Case; Weight per Shipping Case, 26 lbs. No. 60% Set consisting of the Dial Regulator only can be furnished upon request.

LIST PRICES EACH - REGULATOR SETS

Class No.	Item	List Price
70	5/6" (without Dial) Each	\$.60
77	5/16" Set (with Dial) Each	.80
803/8	3/8" Disk-type Set	1.20



NO. 70 DAMPER REGULATOR

NO. 77 DAMPER REGULATOR SET



NO. 803/8 DAMPER REGULATOR SET

E-Z-ON DAMPER REGULATOR

This is the famous E-Z-ON Damper Regulator, so popular with sheet metal men because of the time it saves in making up rattle-proof dampers.

No. 27 — 3/8" bearing. Solid end tail piece. Packed one dozen in a box,

Carried in stock.

LIST PRICE - \$.271/2 Per Set





E-Z-ON DAMPER REGULATOR

HART & COOLEY DAMPER CLIPS AND TIPS

No-Rivet Type. Made of heavy gauge steel. Prongs provide quick, secure fastening to discs without use of rivets. Punched with rivet holes to allow riveting if desired.

WRITE FOR PRICES.





DAMPER CLIP



PHANTOM VIEW OF APPLICATION

DUST-STOP FILTERS, NO. 1 & NO. 2

Wherever air must be cleaned of dirt, lint, soot, plant pollens and similar "nuisance" dusts prevalent in the atmosphere within all types of residential buildings. Fiberglas Dust-Stop replacement type air filters provide an effective, economical cleaning medium. They are installed wherever air is moved mechanically in domestic ventilating, heating and air conditioning systems. They are also applicable to gravity warm air furnaces.

They may also be incorporated as elements in equipment units, or installed in duct work or plenum chambers according to the nature of the system.

CONSTRUCTION

Dust-Stop is an adhesive coated, or impingement type filter. It is of the non-cleanable type, and is designed to be discarded when filled with dust. No. 1 filter is 1" thick. No. 2 filter is 2" thick. They are primarily designed for domestic applications. We recommend No. 2 for greater dust removing capacity.

Dust-Stop Filters are constructed of Fiberglas filter fibers in the form of four compressed mats, faced with stamped metalgrills and bound on the edges with a special fiberboard frame.

Made in Sizes — 20" x 25", 20" x 20", 16" x 25", 16" x 20", 15" x 20", 10" x 20" and 10" x 10".

WRITE FOR PRICES.





DUST-STOP FILTERS



RUTLAND ASBESTOS CEMENT



RUTLAND ASBESTOS CEMENT

Rutland Asbestos Furnace Cement is especially prepared for heat resistance on furnace castings. It is the finest furnace cement on the market.

Furnished in 5-lb. and 10-lb. cans.

Packed 60 lbs. per case.

PRICES ON APPLICATION.



B PG. 43

ASBESTOS ROLL PAPER

12-lb. or 14-lb. — 18" or 36" wide. Furnished in 50-lb. and 100-lb. rolls. Also furnished in rolls of 2 inches and 3 inches wide tape.

PRICES ON APPLICATION.





ASBESTOS AIR CELL PAPER

The air cell spaces increase the insulating efficiency of this paper. They provide double protection against loss of heat.

Furnished in rolls 36 inches wide, 250 square feet per roll.

PRICES ON APPLICATION.



MILCOR DRY FLOUR PASTE

SAFETY REGULATOR CHAIN



MILCOR

DRY FLOUR PASTE

A high grade adhesive for general use. Supplied in 5-lb. bags and 100-lb. barrels.

PRICES IN LATEST MILCOR PRICE LIST.



SAFETY REGULATOR CHAIN

Furnished in 500 ft. reels or 100 ft. cartons. Shorter lengths can also be furnished as required.

PRICES ON APPLICATION.

MILCOR SPINNER VENTILATOR

The slightest breeze keeps the Spinner Ventilator operating efficiently. The shaft holding the revolving blades turns on ball bearings which run in a bath of oil, thus this ventilator operates as smoothly as a jeweled watch.

EXHAUST CAPACITIES - SPINNER VENT

Size	A	В	C	Shipping Weight Lbs.	Exhaust Cu. Ft. Hr. 5 Mi. Wind
4"	4"	131/2"	71/2"	4	11,000
6"	6"	161/2"	10"	6	15,000
8"	8"	20"	121/2"	10	21,600
10"	10"	23"	151/2"	16	32,500
12"	12"	26"	171/2"	18	46,200
14"	14"	301/2"	21"	26	50,000
16"	16"	331/2"	24"	36	72,000
18"	18"	351/2"	26"	44	102,100
20"	20"	40"	29"	52	125,600
24"	24"	51"	35"	98	185,000
30"	30"	60"	42"	160	272,000
36"	36"	65"	50"	200	330,000





MILCOR SPINNER VENTILATOR
Capacities are accepted by the Industrial Commission of Wisconsin, based on tests made by the University of Wis consin. Dependable performance is thus assured.

MILCOR NU-ALPINA VENTILATOR

The Milcor Nu-Alpina Ventilator utilizes wind currents to withdraw foul air from building interiors. The vane at the top of the ventilator is caught by the slightest movement of air, swinging the opening away from the wind. A vacuum is created over the end of the flue which forcibly draws out the foul air.

EXHAUST CAPACITIES - NU-ALPINA

Size	A	В	С	Shipping Weight Lbs.	Exhaust Cu. Ft. Hr. 5 Mi. Wind
6"	6"	20"	15"	5	11,000
8"	8"	24"	17"	6	13,000
10"	10"	29"	20"	8	15,500
12"	12"	34"	24"	12	18,500
14"	14"	38"	27"	18	30,000
16"	16"	42"	30"	24	38,000
18"	18"	46"	33"	28	50,000
20"	20"	51"	37"	34	65,000
24"	24"	60"	42"	45	92,000
30"	30"	72"	47"	85	150,000
36"	36"	77"	59"	150	230,000





MILCOR NU-ALPINA VENTILATOR

Capacities are accepted by the Industrial Commission of Wisconsin, based on tests made by the University of Wisconsin. Dependable performance is thus assured.

ACCURATE REVOLVING VENTILATOR

Accurate Ventilators are gracefully proportioned with a large vane and friction-free revolving mechanism that always keeps the mouth of the ventilator away from the wind. Consequently, they are rain- and storm-proof. Sturdy construction, long life and easy installation are outstanding features of these ventilators. They're economical, too.

Size	Shipping Weight Lbs.	Exhaust Cu. Ft. Hr. 5 Mi. Wind
4"	5	8,100
5"	51/4	8,520
6"	51/4	9,000
7"	51/2	12,600
8"	6	13,440
9"	61/2	14,280
10"	7	15,780
12"	111/2	22,160
14"	141/2	30,180
16"	20	39,420



ACCURATE VENTILATOR

BURT STANDARD GRAVITY VENTILATOR

_		-	
Size	Shipping Weight Lbs.	Size	Shipping Weight Lbs.
6"	10	20"	41
8"	11	24"	95
10"	13	30"	170
12"	17	36"	230
14"	20	42"	280
16"	26	48"	405
18"	37		*****

Burt Standard Gravity Ventilator offers remarkable air moving capacity and is designed to be almost universally adaptable. The large protected free outlet area makes ventilator storm-proof and assures unrestricted air passage. Amply proportioned wind-band provides large suction area, promoting strong siphonage action. Ventilator is entirely rigid. Made of galvanized steel.

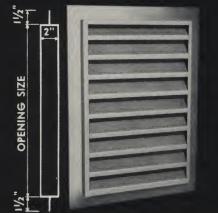




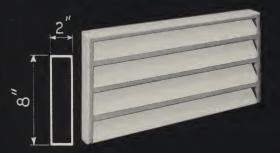
BURT VENTILATOR



NO. 300 SERIES LOUVER VENTILATORS



NO. 100 SERIES LOUVER VENTILATORS



NO. 220 FOUNDATION LOUVER VENTILATOR

MILCOR ALL-STEEL STATIONARY LOUVER VENTILATORS

Patent Nos. 2,309,717 - 2,340,570

- Made of Heavy Galvanized Sheet Steel will not cause unsightly streaking.
- Reinforced Louver Blades will not loosen or rattle.
- Aluminum painted no exposed parts or edges.
- Separately Framed, Removable Insect Screen.
- All Styles Scientifically Designed.

Milcor Louver Ventilators are recommended by Architects, Ventilating Engineers and Insulation Contractors for installation in opposite ends of the attic to provide cross ventilation. Cross ventilation is needed for the following reasons:

- 1. To carry off intense summer attic heat.
- 2. To prevent destructive condensation in the winter time. (Cross ventilation removes moisture laden air before the moisture can condense and cause water damage to ceilings and sidewalls.)

Milcor Louver Ventilators are also recommended for use in garages, barns, chicken houses and utility buildings.

NO. 300 SERIES (Flush Type Flange)

This style has long been accepted as a standard of the building industry, because of its suitability for use in any type of construction. The flange is nailed or screwed onto a wood frame which is then applied to the sheathing or fastened into the masonry opening.

NO. 100 SERIES (Self-Casing)

Specially designed for new construction. The metal flange of the ventilator is nailed to the sheathing and the finished siding is applied over the flange. The siding butts against the louver frame, eliminating the need for additional trim. This style may also be used in brick or stone veneer construction.

NO. 300 SERIES AND NO. 100 SERIES SIZES AND WEIGHTS EACH

Γ			300 S	ERIES	100 5	ERIES
	Opening Size (W. x H.)	Free Area Sq. In.	Style No.	Weight Each, Lbs.	Style No.	Weight Each, Lbs.
	8" x 8" 8" x 12"	27 50	308 310	1½ 2½	108 110	2 3
	12" x 12" 8" x 16"	71 66	312 316	3	112 116	4
	12" x 18" 14" x 24"	119	318 324	7	118 124	5 8
	24" x 30"	436	330	15		******

No. 330 Packed 2 Per Carton - All Others, 6 Per Carton.

NO. 220 FOUNDATION LOUVER VENTILATOR

The No. 220 Louver was designed for use on concrete block, brick, stone or concrete wall construction. It can be installed in either old or new construction. The standard size, 16" x 8", will replace one entire concrete block. These ventilators are held in place by mortar. Free area—66 square inches. Packed 6 per carton. Weight each, 3 lbs.



MILCOR ROOF LOUVER VENTILATOR

Patent No. 2,551,223

For installation on roofs of any pitch. Scientifically designed to provide adequate ventilation, yet remain inconspicuous. Equipped with removable insect screen. Screen frame $5\frac{1}{4}$ " x 12". Extreme height $4\frac{4}{5}$ ". Overall size 16" x 18". Made of heavy Galvanized Steel and painted with Aluminum. Packed 6 per carton. Weight each, 4 lbs. Free area — 36 square inches.



ADJUSTABLE TRIANGULAR LOUVER VENTILATOR (Made of Aluminum)

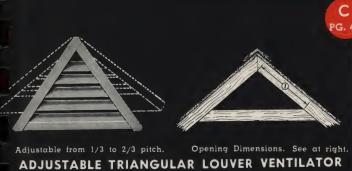
Adjust instantly to any pitch roof from one-third to two-thirds pitch. Insect screen included.

WEIGHTS AND DIMENSIONS

Model Number	A50B	A56B	A88B
Ventilation — Attic Floor Area	400 sq. ft. 22"	600 sq. ft. 25 ³ / ₄ "	800 sq. ft. 29"
Louver Blades	5	6	7
Packed, Per Carton	7 lbs.	8 lbs.	10 lbs.

WE DO NOT BREAK CARTONS.

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DATA OF PRACTICAL VALUE TO FURNACE MEN

AREA AND CIRCUMFERENCE OF ROUND PIPE

Diameter of Pipe, Inches			Diameter of Pipe, Inches	Area in Square Inches	Circumference Round Pipe, In.
6	28	18.84	20	314	62.83
7	38	21.99	22	380	69.11
8	50	25.13	24	452	75.39
9	63	28.27	26	531	81.68
10	78	31.41	28	616	87.96
11	95	34.55	30 -	707	94.24
12	113	37.69	32	804	100.5
14	154	43.98	34	908	106.8
16	201	50.26	36	1018	113.00
18	254	56.54	>		· ·

USEFUL RULES TO KNOW

.7854 times the square of the diameter equals the area of a circle.

Multiply the diameter by 3.1416 or by three and one-seventh, using any number of decimals that may be considered necessary. Product will be circumference.

Diameter of a circle when circumference is given: Divide the given circumference by 3.1416.

To find the area of a circle multiply .7854 by the square of the diameter.

3.1416 times the diameter of a circle equals the circumference.

Three and one-seventh times the diameter is near enough for most practical purposes.

Circumference of a circle times 0.159155 equals radius.

Circumference of a circle times 0.31831 equals diameter.

Diameter of a circle times 0.86 equals side of inscribed equilateral triangle.

Diameter of a circle times 0.7071 equals side of an inscribed square.

Circumference of a circle times 0.225 equals side of an inscribed square.

Circumference of a circle times 0.282 equals side of an equal square.

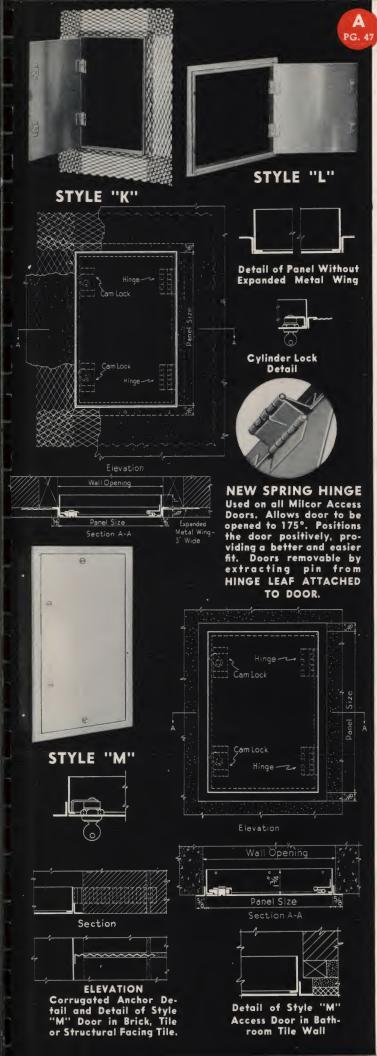
Diameter of a circle times 0.8862 equals side of an equal square.

Base of a triangle times one-half the altitude equals area.

Multiplying both diameters and .7854 together equals area of an ellipse.

CIRCULAR EQUIVALENTS TO RECTANGULAR DUCT FOR EQUAL FRICTION

Size of	Duct	Round Pipe Diameter	Size of	Duct	Round Pipe Diameter		
4" Wide	8" Deep	6.1"	18" Wide	8" Deep	13.0"		
5" Wide	8" Deep	6.9"	20" Wide	8" Deep	13.6"		
6" Wide	8" Deep	7.6"	22" Wide	8" Deep	14.2"		
7" Wide	8" Deep	8.2"	24" Wide	8" Deep	14.8"		
8" Wide	8" Deep	8.8"	26" Wide	8" Deep	15.4"		
9" Wide	8" Deep	9.3"	28" Wide	8" Deep	15.9"		
10" Wide	8" Deep	9.8"	30" Wide	8" Deep	16.4"		
12" Wide	8" Deep	10.7"	32" Wide	8" Deep	16.9"		
14" Wide	8" Deep	-11.5"	34" Wide	8" Deep	17.3"		
16" Wide	8" Deep	12.3"	36" Wide	8" Deep	17.7"		



PG. 47 MILCOR

STEEL ACCESS DOORS

Milcor Steel Access Doors reduce installation time—save on labor costs. No special cutting, alteration or adjustments to make — doors furnished ready to install. No special framing to build and keep up. Save on painting costs too. No sanding or filler coats before finishing. Furnished painted with coat of rust-inhibitive gray primer. One finish coat will usually cover. Made of heavy gauge steel, these doors will not warp, crack, shrink, swell or rot. They are termite-proof and fire-safe. Fit flush with surface in which they're installed. Painted or wallpapered with the rest of wall surface, they are hardly noticeable.

SPECIFICATIONS MILCOR STEEL ACCESS DOORS

USES: Provide convenient, easy access to key service points in plumbing, heating, electrical and refrigeration systems. Eliminate need for cutting into or otherwise damaging walls.

STYLES: Style "K" for Plastered Walls — with Expansion Wings. Style "L" for Plastered Walls — without Expansion Wings. Style "M" for Masonry, Brick, Stone, Tile, Wallboard, etc.

DOORS: All doors to be 14 Gauge Steel.

FRAMES: Frames formed from 16 Gauge Steel.

HINGES: Panels furnished with concealed hinges. (If desired, doors may be removed from frame by taking pin out of HINGE LEAF ATTACHED TO DOOR.) Number of hinges varies with size of door.

LOCKS: Standard locks are flush, screwdriver operated, with metal cam. Number of cams varies with size of door. Cylinder lock with key furnished, if required, at slight extra charge.

PAINT: All panels finished with one prime coat of gray rust-inhibitive paint.

PACKAGING: Packed one per carton. All cartons are uniformly identified by easy-to-read labels, which indicate size and style.

STYLES, DIMENSIONS AND WEIGHTS

	_		No. of	Shipping W	eight (Each)
Catalog No.	Wall Opening (Inches)	No. of Hinges	Cam Locks	Style "K"	Styles "L" or "M"
8- 8	83/8" x 83/8"	1	1	4½ lbs.	4 lbs.
8-12	83/8" x 123/8"	1	1	6	51/2
12-12	123/8" x 123/8"	1	1	7	61/2
12-16	123/8" x 163/8"	2	1	10	81/2
16-16	163/8" x 163/8"	2	1	12	101/2
16-20	163/8" x 203/8"	2	1	14	121/2
20-24	203/8" x 243/8"	2	2	181/2	17
20-30	203/8" x 303/8"	3	3	23	21
24-24	243/8" x 243/8"	2	**4	221/2	201/2
24-30	243/8" x 303/8"	3	*5	26	24
24-36	243/8" x 363/8"	3	*5	301/2	281/2

^{*}One Cam Lock (Centered) at top and bottom of door; three Cam Locks on locking side of door.

^{**}Same as above (*) except two Cam Locks on locking side of door.

ADD LETTER "K," "L" OR "M" TO CATALOG NUMBER TO INDICATE STYLE DESIRED.

MILCOR GALVANIZED SHEETS

Milcor open hearth galvanized sheets are extra soft, ductile and easily workable. They are tightly coated with prime spelter. All sheets run uniform in length and width. Strong steel bands hold the bundles together in shipment. Carried in standard widths and lengths in the following gauges: Nos. 30, 29, 28, 26, 24, 22, 20, 18, 16, 14 and 12.



MILCOR GALVANIZED COPPER ALLOY STEEL SHEETS

Copper, when properly alloyed with steel, has a remarkable influence in retarding atmospheric corrosion. Various tests to determine the proper percentage of copper, for the best results, have given Milcor the basis for their Copper Alloy Steel Sheets. Carried in standard widths and lengths in the following gauges: Nos. 28, 26, 24, 22, 20, 18, 16 and 14.



INLAND TI-CO GALVANIZED STEEL SHEETS

TI-CO is a continuously annealed and galvanized sheet steel manufactured under the patented Sendzimir process. The zinc coating adheres so tightly to the steel that TI-CO sheets can be severely formed or drawn without flaking or peeling of the coating — without breaks in its protection against rust. Furnished in 14 gauge to 30 gauge in widths from 24" to 48" in standard sheet lengths.



TONCAN COPPER MOLYBDENUM IRON GALVANIZED SHEETS

Toncan Iron is an extremely rust resistant alloy of iron, copper and molybdenum. It possesses unsurpassed ductility and working qualities, and its rust-resistance is practically unaffected by cold-working such as cutting, seaming, bending or punching. Carried in stock in all standard widths and lengths in the following gauges: Nos. 28, 26, 24, 22, 20, 18, 16 and 14.



MILCOR HOT ROLLED STEEL SHEETS

Milcor Hot Rolled Sheets are made from open hearth steel specially manufactured for sheet purposes. Carried in stock in all standard widths and lengths in the following gauges: Nos. 18, 16, 14, 12, 11 and 10.



STANDARD BUNDLING TABLE OF GALVANIZED SHEETS

	POMPL	ING IAD	LE OF GA		•	
10 5.781	12 4.531	14 3.281	16 2.656	18 2.156	20 1.656	
Weight of Sheet No. of Sheets Weight of Bdle.	Weight of Sheet No. of Sheets Weight of Bdle.	Weight of Sheet No. of Sheets Weight of Bdle.	Weight of Sheet No. of Sheets Weight of Bdle.	Weight of Sheet No. of Sheets Weight of Bdle.	Weight of Sheet No. of Sheets Weight of Bdle.	Square Feet Per Sheet
75.16 2 150 80.94 2 162 86.72 2 173 92.49 2 185 98.27 2 196	54.37 3 163 58.91 3 177 63.44 2 127 67.97 2 136 72.48 2 144 77.02 2 154	39.37 4 157 42.66 4 171 45.94 3 138 49.22 3 148 52.48 3 157 55.79 3 168	34.53 4 138 37.19 4 149 39.84 4 159 42.40 4 170 45.15 3 138	25.87 6 155 28.03 5 140 30.19 5 151 32.34 5 162 34.40 5 172 36.65 4 148	21.53 7 151 23.19 7 162 24.84 6 149 26.49 6 158 28.15 5 140	12 13 14 15 16 17 18
80.94 2 162 87.64 2 175 94.41 2 189 101.17 2 202 107.87 2 216	63.44 2 127 68.69 2 137 74.00 2 148 79.30 2 159 83.68 2 167 89.84 2 180	45.94 3 138 49.74 3 149 53.58 3 161 57.42 3 172 61.56 3 185 65.06 2 132	37.19 4 149 40.27 4 161 43.38 4 174 46.48 3 139 49.47 3 148 52.66 3 159	30.19 5 151 32.69 5 163 35.21 4 141 37.73 4 151 40.13 4 161 42.84 3 129	23.19 7 162 25.11 6 151 27.05 5 135 28.98 5 145 30.80 5 154 32.83 4 132	14 15.16 16.33 17.50 18.66 19.83
92.50 2 185 100.19 2 200 107.88 2 216 115.62 2 231 123.31 1 123	84.55 2 169 90.62 2 181 96.61 2 193	52.50 3 157 56.86 3 171 61.23 3 184 65.62 2 131 69.97 2 140	42.50 4 170 46.03 3 138 49.57 3 149 53.12 3 159 56.53 3 170	34.50 4 138 37.37 4 149 40.24 4 161 43.12 4 172 45.87 4 183	26.50 6 159 28.70 5 143 30.91 5 155 33.12 5 166 35.20 5 176	21 16 17.33 18.66 20 21.33 22.66
138.75 1 139 104.05 2 208 112.72 2 226 121.40 1 122 130.07 1 131 138.74 1 139	108.75 1 109	78.75 2 157 59.06 3 177 63.96 2 128 68.89 2 138 73.82 2 148 78.72 2 157	63.75 2 127 47.70 3 143 51.67 3 155 55.65 3 167 59.62 3 179 63.60 2 127	51.75 3 155 38.70 4 155 41.93 4 168 45.25 3 135 48.38 3 145 51.60 3 155	39.75 4 159 29.70 5 149 32.18 5 161 34.65 4 139 37.11 4 148 39.60 4 158	24 18 19.5 21 22.5 24 25.5
156.08 1 156 115.62 2 23 125.22 1 125 134.88 1 133 141.53 1 141 154.12 1 154	122.33 1 123 90.62 2 181 98.15 2 196 105.71 2 211 113.28 1 113 120.79 1 121	88.59 2 177 65.62 2 131 71.07 2 142 76.55 2 153 82.03 2 164 84.47 2 175	71.65 2 143 53.12 3 159 57.53 3 173 61.97 3 186 66.41 2 133 70.67 2 141	58.08 3 174 43.12 3 129 46.70 3 140 50.31 3 151 53.91 3 162 57.33 3 172	44.65 3 134 33.12 5 166 35.87 4 143 38.64 4 155 41.41 4 166 44.00 4 176	27 20 21.66 23.33 25 26.66 28.33
173.44 1 174	135.94 1 136	98.44 2 197	79.69 2 159	64.69 2 129	49.69 3 149	30
16.87 9 153 18.28 8 144 19.69 8 158 21.09 7 148 22.40 7 157 23.90 6 144	13.87 11 153 15.03 10 150 16.19 9 146 17.34 9 156 18.40 9 156 19.65 8 160	10.87 14 152 11.78 13 153 12.69 12 152 13.59 11 149 14.40 11 158 15.40 10 154	9.37 16 150 10.16 15 152 10.94 14 153 11.72 13 152 12.50 13 163 13.28 11 154	8.62 17 147 9.34 16 149 10.06 15 151 10.78 15 162 11.49 13 149 12.21 12 156	7.87 19 150 8.53 17 145 9.19 16 147 9.84 15 148 10.40 14 156 11.15 13 156	12 13 14 15 16
19.69 8 156 21.32 7 149 22.96 7 161 24.61 6 149 26.13 6 157 27.88 5 140	16.19 9 146 17.53 8 140 18.88 8 151 20.23 7 142 21.47 7 150 22.92 6 138	12.69 12 152 13.74 11 151 14.80 10 148 15.86 10 159 16.80 10 168 17.96 8 144	10.94 14 153 11.84 13 154 12.76 12 153 13.67 11 150 14.59 11 160 15.49 10 155	10.06 15 151 10.90 14 153 11.74 13 153 12.58 12 151 13.40 11 161 14.25 10 142	9.19 16 147 9.95 15 149 10.72 14 150 11.48 13 149 12.13 12 158 13.01 12 156	18 14 15.16 16.33 17.50 18.66 19.83
22.50 7 15 24.37 6 146 26.24 6 15 28.12 5 14 29.87 5 149 31.85 5 166	18.50 8 148 20.04 8 160 21.58 7 151 23.12 7 162 24.53 7 172 26.19 6 162	14.50 10 145 15.71 10 157 16.91 9 152 18.12 8 145 19.20 8 154 20.53 8 168	12.50 12 150 13.54 11 149 14.58 10 146 15.62 10 156 16.66 10 167 17.70 9 162	11.50 13 149 12.46 12 - 150 13.41 11 148 14.37 10 144 15.32 10 153 16.68 9 153	10.50 15 157 11.37 13 148 12.25 12 147 13.12 11 144 13.87 11 153 14.86 10 150	21 16 17.33 18.66 20 21.33 22.66
25.20 6 15 27.30 5 13 29.40 5 14 31.50 5 15 33.60 4 134 35.85 4 144	20.70 7 145 22.43 7 157 24.15 6 145 25.88 6 155 27.60 5 138 29.47 5 150	16.20 9 146 17.55 9 158 18.90 8 151 20.25 7 142 21.60 7 151 23.10 6 144	14.06 11 155 15.23 10 152 16.40 9 148 17.52 9 158 18.74 8 150 19.92 7 140	12.92 12 155 14.00 11 154 15.08 10 151 16.16 9 145 17.23 9 155 18.32 8 152	11.70 13 152 12.68 12 152 13.65 11 150 14.63 10 146 15.60 10 156 16.73 9 153	18 19.5 21 22.5 24 25.5 27
28.12 5 14 30.46 5 15 32.81 5 16 35.16 4 14 37.33 4 14	23.12 7 162 2 25.04 6 150 4 26.98 6 162 28.91 5 145 30.67 5 153 33.32 5 170	18.12 8 145 19.63 8 157 21.14 7 148 22.66 7 159 24.00 7 168 25.67 6 156 27.19 6 163	15.62 10 156 16.92 9 152 18.23 8 146 19.53 8 156 20.83 8 167 22.13 7 161 23.44 7 164	14.37 10 144 15.57 10 156 16.77 9 151 17.97 9 162 19.15 8 172 20.36 7 147 21.56 7 151	13.12 11 144 14.21 11 156 15.31 10 153 16.41 9 148 17.34 9 156 18.59 8 152 19.69 8 158	20 21.66 23.33 25 26.66 28.33
	1	1.	S.781	S.78	S.781	1.658 1.65

The weight of Flat Galvanized Sheets is based on the weight of black sheets and two and one-half $(2\frac{1}{2})$ ounces per square foot added for the increase caused by galvanizing.

STANDARD BUNDLING TABLE OF BLACK SHEETS

Gauge Weight Per Sq. Ft., Lbs.		10 .625			12 1.375		3	14 .125			16 2.5			18		1	20		
SIZE OF SHEET	Weight of Sheet	No. of Sheets	Weight of Bdle.	Weight of Sheet	No. of Sheets	Weight of Bdle.	Weight of Sheet	No. of Sheets	Weight of Bdle.	Weight of Sheet	No. of Sheets	Weight of Bdle.	Weight of Sheet	No. of Sheets	Weight of Bcle.	Weight of Sheet	No. of Sheets	Weight of Bdle.	Square Feet Per Sheet
24x 72 26x 72 28x 72 30x 72 32x 72 34x 72	67.5 73.13 78.75 84.38 90 95.63	2 2 2 2 2 2	135 146 157 169 180 191	52.5 56.88 61.25 65.63 70. 74.38	3 2 2 2 2	157 171 123 131 140 150	37.5 40.63 43.75 46.88 50. 53.13	4 4 3 3 3 3 3	150 162 131 141 150 160	30.0 32.5 35. 37.5 40. 42.50	5 5 4 4 3 3	150 162 140 150 120 127	24. 26. 28. 30. 32.	6 6 5 5 4 4	144 156 140 150 128 136	18. 19.5 21. 22.5 24. 25.5	8 8 7 7 6 6	144 156 147 157 144 153	12 13 14 15 16 17
36x 72 24x 84 26x 84 28x 84	78.75 85.31 91.88	2 2 2 2	157 171 184	78.75 61.25 66.35 71.46	2 2 2 2	157 122 133 143	56.25 43.75 47.4 51.04	3 3 3	169 131 142 153	45. 35. 37.92 40.83	3 4 4 4	135 140 152 163	36. 28. 30.33 32.67	5 5 5	144 140 152 163	27. 21. 22:75 24.5	5 7 7 6	135 147 159 147	18 14 15.16 16.33
30x 84 32x 84 34x 84 36x 84 24x 96	98.44 105. 111.56 118.13	2	180	76.56 81.67 86.77 91.88	2 2 2 2	153 163 174 184	54.69 58.33 61.98 65.63	3 2 2 3	164 174 123 131	43.75 46.67 49.58 52.5	3 3 3	131 140 149 157	35. 37.33 39.67 42.	4 4 4 4	140 150 158 168	26.25 28. 29.75 31.5	6 5 5 5	157 140 149 157	17.50 18.66 19.83 21
26x 96 28x 96 30x 96 32x 96	97.5 105. 112.5 120.	2	195	75.83 81.67 87.5 93.33	2 2 2 2	152 163 175 187	54.17 58.33 62.5 66.67	3 3 2 2	162 175 125 133	40. 43.33 46.67 50. 53.33	4 3 3 3 3	160 130 140 150 160	32. 34.67 37.33 40. 42.67	5 4 4 4 3	160 139 149 160 127	24. 26. 28. 30. 32.	6 5 5 4	144 156 140 150 128	17.33 18.66 20 21.33
34x 96 36x 96 24x108 26x108 28x108	130.16 135. 101.25 109.69 118.13	:		99.17 105. 78.75 85.31 91.88	2 2 2	157 171 184	70.83 75. 56.25 60.94 65.63	2 2 3 2 2	141 150 169 122 131	56.67 60. 45. 48.75 52.5	3 2 3 3 3	170 120 135 146 157	45.33 48. 36. 39. 42.	3 3 4 4 4	136 144 144 156 168	34. 36. 27. 29.25 31.5	4 4 5 5 5	136 144 135 146 157	22.66 24 18 19.5 21
30x108 32x108 34x108 36x108	126.56 135. 143.44 151.88	:		98.44 105. 111.56 118.13	:		70.31 75. 79.69 84.38	2 2 2 2	141 150 159 169	56.25 60. 63.75 67.5	3 2 2 2 2	169 120 127 135	45. 48. 51. 54.	3 3 3 3	135 144 153 162	33.75 36. 38.25 40.5	4 4 4 4	135 144 153 162	22.5 24 25.5 27
24x120 26x120 28x120 30x120 32x120 34x120	112.5 121.88 131.25 140.63 150.			87.5 94.79 102.08 109.38 116.67 123.96	2 2	175 190	62.5 67.71 72.92 78.13 83.33 88.54	2 2 2 2 2 2	125 135 146 156 166	50. 54.17 58.33 62.5 66.67 70.83	3 3 2 2 2	150 162 175 125 133 140	40. 43.33 46.67 50. 53.33 57.13	4 3 3 3 3 2	160 130 140 150 160 115	30. 32.5 35. 37.5 40. 42.5	5 5 4 4 3 3	150 162 140 150 120 128	20 21.66 23.33 25 26.66 28.33
36x120	168.75			131.25			93.75	2	187	75.	2	150	60.	2	120	45.	3	135	30

Gauge Weight Per Sq. Ft., Lbs.		22 1.25			24 1.	-		26 .75			28 .625			29 5625			30 .5		
24x 72	15.	10	150	12.	12	144	9.	16	144	7.5	20	150	6.75	22	148	6.	25	150	12
26x 72	16.25	9	146	13.	11	143	9.75	15	146	8.13	18	146	7.31	20	146	6.5	23	149	13
28x 72	17.5	8	140	14.	11	154	10.5	14	147	8.75	17	149	7.88	19	150	7.	21	147	14
30x 72	18.75	8	150	15.	10	150	11.25	13	146	9.38	16	150	8.44	18	152	7.5	20	150	15
32x 72	20.	7	140	16.	9	144	12.	12	144	10.	15	150	9.	17	153	8.	19	152	16
34x 72	20.95	7	146	17.	9	153	12.75	11	140	10.63	14	149	9.70	15	146	8.5	18	153	17
36x 72	22.5	7	157	18.	8	144	13.5	11	148	11.25	13	146	10.13	15	152	9.	16	144	18
24x 84	17.5	8	140	14.	11	154	10.5	14	147	8.75	17	149	7.88	19	150	7.	21	147	14
26x 84 28x 84	18.96 20.42	8	152	15.16	10	152	11.38	13	148	9.48	16	152	8.53	17	145	7.58	19	144	15.16
30x 84	21.88	7	143	16.33 17.5	9	147	12.25	12	147	10.21	14	143	9.19	16	147	8.17	19	155	16.33
32x 84	23.33	6	140	18.66	8	149	14.	10	144	10.94	14	153 152	9.84	15 14	148	8.75 9.33	17 16	149	17.50
34x 84	24.79	6	149	19.83	7	139	14.88	10	149	12.40	12	149	11.16	13	145	9.33	15	150 149	18.66
36x 84	26.25	6	157	21.	7	147	15.75	9	142	13.13	11	144	11.81	13	153	10.5	14	145	21
24x 96	20.	7	140	16.	9	144	12.	12	144	10.10	15	150	9.	16	144	8.	18	144	16
26x 96	21.67	7	152	17.33	9	156	13.	11	143	10.83	14	152	9.75	15	144	8.67	17	144	17.33
28x 96	23.33	6	140	18.67	8	149	14.	11	154	11.67	13	152	10.5	14	147	9.33	16	149	18.66
30x 96	25.	6	150	20.	7	140	15.	10	150	12.5	12	150	11.25	13	146	10.	15	150	20
32x 96	26.67	5	134	21.33	7	149	16.	9	144	13.13	11	147	12.	12	144	10.67	14	149	21.33
34x 96	28.33	5	142	22.90	6	138	17.	9	143	14.17	10	142	12.75	11	140	11.33	13	147	22.66
36x 96	30.	5	150	24.	6	144	18.	8	144	15.	10	150	13.5	11	148	12.	12	144	24
24×108	22.5	7	157	18.	8	144	13.5	11	148	11.25	13	146	10.13	15	152	9.	17	153	18
26×108	24.37	6	146	19.5	8	156	14.63	10	146	12.19	12	146	10.97	14	153	9.75	15	146	19.5
28×108	26.25	6	157	21.	7	147	15.75	9	142	13.13	11	144	11.81	13	153	10.5	15	157	21
30×108	28.12	5	141	22.5	7	157	16.88	9	152	14.06	11	155	12.66	12	152	11.25	13	146	22.5
32×108	30.	5	150	24.	6	144	18.	8	144	15.	10	150	13.5	11	149	12.	12	144	24
34×108 36×108	31.87	5	159	25.5	6	153	19.13	8	153	15.94	9	144	14.34	10	144	12.75	12	153	25.5
	33.75	5	169	27.	6	162	20.25	7	142	16.88	9	152	15.19	10	152	13.5	11	148	27
24×120	25.	6	150	20.	7	140	15.	10	150	12.5	12	150	11.25	13	146	10.	15	150	20
26×120 28×120	27.08	6	162	21.67	7	152	16.25	9	146	13.54	11	149	12.19	12	146	10.83	14	152	21.66
30x120	29.17 31.25	5	146 156	23.33	6	140	17.5	8	140	14.58	10	146	13.13	11	144	11.67	14	163	23.33
32x120	33.33	4	134	26.66	6	150 134	18.75	8	150	15.63	10	156	14.06	11	155	12.5	12	150	25
34x120	35.42	4	142	28.33	5	142	20.	7	140 150	16.67	9	150	15.	10	150	13.33	11	147	26.66
36×120	37.5	4	150	30.	5	150	22.5	7	157	17.71 18.75	8	142 150	16.07	9	145 152	14.17 15.	10	142	28.33
		-		30.	-	100	22.0	,	137	10.73	0	130	10.00	3	134	15.	10	150	30





MEDIUM PATTERN 4-WAY SAFETY PLATE (Actual Size)



SMALL PATTERN 4-WAY SAFETY PLATE (Actual Size)







EASY TO CLEAN AND MAINTAIN

INLAND 4-WAY SAFETY PLATE

Inland's 4-Way Safety Plate meets the need of farm and industry for a long-lasting flooring material that provides better traction and safer movement for workers and vehicles. Today, 4-Way is used wherever there is need for a rugged, slip resistant surface on which feet or wheels must move. The attractively designed raised-lug pattern provides slip resistance in all directions. Made of steel, it lasts for years, withstands abuse and can carry heavy loads. The non-porous surface makes it sanitary and easy to keep clean, permits hose washing with a minimum of effort. It can be sheared, sawed, shaped, flame cut, punched and welded. It's easy to install, and outstanding for effective service.

MEDIUM PATTERN

The most popular and most versatile pattern for use in plants or on products.

WEIGHTS AND SIZES - MEDIUM PATTERN

Lbs. Per	Nominal		
Sq. Ft.	Gauge	Width	Length
3.00	16	36"	96"
3.00	16	48"	96" & 120"
3.75	14	36" & 48"	96" & 120"
5.25	12	36"	96"
5.25	12	48"	96" & 120"
6.25	1/8"	48"	120" & 144"

SMALL PATTERN

For applications requiring weight reduction or severe forming.

WEIGHTS AND SIZES - SMALL PATTERN

Lbs. Per Sg. Ft.	Nominal Gauge	Width	Length
24 11			
2.4	18	36"	96" & 120"

Here Are a Few of the Most Practical Uses:

ON BUILDINGS AND OTHER STRUCTURES — Floors ... Walkways ... Ramps ... Steps ... Stairways ... Ladders ... Cat Walks ... Loading Platforms ... Dockboards ... Bridges ... Traffic Plate ... Hatch Covers ... Aisles ... Machinery Platforms.

ON MOBILE EQUIPMENT—Running Boards . . . Operators' Platforms . . . Cat Walks . . . Steps . . . Fenders . . . Bumper Plates . . . Saddle Tanks . . . Beds and Floors . . . Foot-Lever Pedals . . . Runways.



SHEET AND ROLL COPPER

Milcor carries a large stock of Sheet Copper — Soft Rolled and Cold Rolled. Standard sizes are carried in stock ready for immediate shipment. Prices are subject to daily market quotations.

MILCOR STEEL ROOF DECKS

DESCRIPTION

Steel Roof Deck is the modern, incombustible roof material. Milcor Steel Roof Deck is especially satisfactory because it is economical, easy to erect, and unusually strong. Once installed, it gives long and reliable service. It is particularly desirable for buildings with large, flat or sloping roofs such as auditoriums, field houses, factories, office buildings, hotels, apartment houses, hospitals and schools. Milcor Steel Roof Deck is light in weight and therefore eliminates the expense of heavy super-structures. It is made to order, in plate lengths up to 16 feet, 3 inches, to conform to desired spacing of purlins. The ribs are offset at one end to permit easy nesting where laps occur. Welding is the fastest, simplest and most satisfactory means of attachment.

OUTSTANDING FEATURES

1. ENGINEERED CONSTRUCTION

Milcor Steel Roof Deck is engineered to fit the job. All special conditions applying to installation are given attention when plans are submitted. Note offset of ribs at one end to permit nesting where laps occur.

2. EASE OF INSTALLATION

Installation of Milcor Steel Roof Deck is swiftly and easily accomplished by welding. Sheets are welded to the purlins and, at ends and sides, to adjoining sheets. Purlin clips are used for attachment to wood purlins, or may be used with steel purlins if welding facilities are not available.

3. RIGID, BUT LIGHT-WEIGHT

Although sturdily fabricated, Milcor Steel Roof Deck does not have excessive weight.

4. ATTRACTIVE APPEARANCE

Unbroken, uniform interior ceiling surface is obtained with Milcor Steel Roof Deck. Its appearance is appropriate for modern, fireproof buildings.

5. RUST-RESISTANT MATERIALS

Milcor Steel Roof Deck is made of Copper Alloy Steel, factory prime coat painted after fabrication, or Tight-Coat Galvanized Steel.

6. ADAPTABILITY

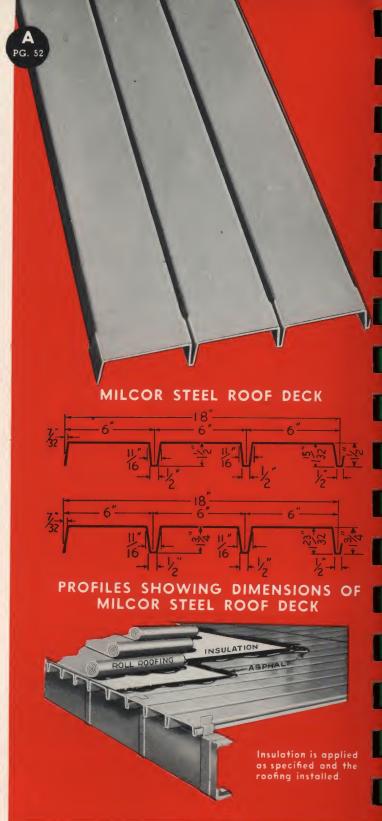
Roof Deck lends itself to either small or large scale construction with equal success.

ENGINEERING SERVICE

Inland Steel Products Company's Layout Department is geared to analyze each roof deck job and make complete layouts quickly and accurately. Complete drawings, along with recommendations when necessary, are rushed to you as soon as ready.

SAFE LOAD TABLE FOR MILCOR STEEL ROOF DECKS

The moments of inertia and section moduli shown, used to calculate the safe loads in the table below, were derived through the use of formulas recommended by the Metal Roof Deck Technical Institute as adapted from the "Specification for the Design of Light Gauge Structural Members," published by the American Iron and Steel Institute and based on the results of comprehensive load tests.



TOTAL SAFE UNIFORMLY DISTRIBUTED LOADS IN POUNDS PER SQUARE FOOT

Maximum Allowable Fiber Stress = 18,000 lbs. per sq. in.

Rib Depth	Gauge	Wt. Per Sq. Ft.	Moment of Inertia	Section Modulus												
					4'-0" 4'-6" 5'-0" 5'-6" 6'-0" 6'-6" 7'-0" 7					7'-6"	8'-0"					
					WL	WL	WL	WL	WL	WL	WL	WL	WL	WL	WL	WL
				-	10	8	10	8	10	8	8	8	8	8	8	8
11/2"	18	3.05	.2040	.180	169	135	133	107	108	86	71	60	51	45	40	35
- /-	20	2.25	.1456	.134	126	101	99	79	80	64	53	45	38			
13/4"	18	3.25	.2976	.230	216	173	170	136	138	110	91	77	65	56	49	43



1 2 3 4 5 6 7 8 9 10 11 12

(Example shows 3" slope per foot)

Pitch of roof determines speed of water

drainage. High seams,

tightly formed, necessary for roofs of slight pitch.

MILCOR STEEL ROOFING IMPORTANT FACTORS

MILCOR STEEL Roofings and Sidings are good because they are made of properly galvanized steel. But MILCOR design and production give them definite additional advantages. The source of supply should always be considered so that price quotations can be judged properly. (As examples: A low-cost material can appeal to the buyer at the point of sale — but inaccurate design may add cost to the installation — waste materials on unsquared sheets may hide sub-standard weights — poor galvanizing may depreciate the life of the roof.)

MILCOR, on these pages, gives you definite information about features which assure satisfaction in its products. A building is only as good as its roof — and a MILCOR roof makes the best building BETTER!

MILCOR ROOFING IS LOW IN FIRST COST AND LOW IN UPKEEP

"Gauge No." indicates thickness — the heavier the sheet the smaller the gauge number. Judge price quotations in relation to gauge since, naturally, thickness determines weight, durability and rigidity.

Steel sheets of <u>various</u> gauges may each receive the <u>same</u> specific rust-resistant coating of zinc. However, heavy-gauge material is still of greater desirability because molten zinc penetrates into the steel itself — adding to its life as a rust-resistant material. See exaggerated sketch at left.

MILCOR GALVANIZING BATTLES RUST AND CORROSION

Rust-resisting and non-corroding qualities of steel sheets are determined by their coating. Galvanizing is the process whereby black sheets, properly prepared and cleaned, are passed through molten zinc. The zinc covers the sheets uniformly and resists rust and corrosion. MILCOR has established its own standards and processes for galvanizing which assure proper adherence of the zinc. The MILCOR process provides a heavy, even layer of zinc, and avoids a thin coating which would soon expose the sheet to weather. MILCOR'S superior galvanizing standards are important to the roofing buyer because they prolong the usefulness of the roofing material.

DESIGN ADDS TO WEATHER PROOFING

MILCOR Roofings — such as "Two-Drain" Channel Roofing and Non-Syphoning Corrugated Roofing — include special design and painstaking fabrication in their costs. These features eliminate possibility of water seepage and improper drainage — and contribute to the life and beauty of the roof.

Climate, load bearing requirements and atmospheric conditions (salt, air, smoke, etc.), govern choice of gauges. See recommendations at left.

PROPER FABRICATION AND SCIENTIFIC DESIGN ASSURE LOW COST APPLICATION

Because MILCOR plants fabricate sheet metal products (other than roofing and siding) which require skill and precision in their formation — MILCOR sheets receive more than usual attention in their manufacturing process. This precision—plus special design—greatly facilitates application of the sheets.

MILCOR Roofings have great rigidity, may even be used for open roof deck or where widely separated purlins are used.

MILCOR ROOFING IS VALUABLE PROTECTION AGAINST FIRE, LIGHTNING, AND ALL THE ELEMENTS

MILCOR TWO-DRAIN CHANNEL ROOFING

The Supreme Achievement in Steel Roofing

MILCOR TWO-DRAIN HAS EVERYTHING

- Quality Materials
- Most Practical Design
- Complete Accessories
- Unrivalled Appearance

CHECK THESE 7 FEATURES BEFORE YOU BUY!

1. FOUR BARRIERS TO WATER AT SIDE LAPS

The side lap design of Two-Drain Channel Roofing provides four barriers to water:

- a. Extra protective ridge forming first seal against leaks.
- b. Large channel.
- c. High ridge contacting overlapping sheet.
- d. Second large channel.

2. TWO LARGE CHANNELS

Each of the channels in Milcor Two-Drain Channel Roofing is large enough to carry off as much water as would ever be driven over the first ridge. Second channel is as deep and complete as the first.

3. EASY TO APPLY . . . ONLY ONE ROW OF NAILS

Two-Drain Channel Roofing is applied with only one row of nails. Double bracing of the rib prevents injury to the leak-proof feature and makes it easy to drive the nail straight.

4. WATER DRAINED OFF BEFORE REACHING NAILS

Because of EXCLUSIVE Channel design, water does not contact nail when seeping into first drainage channel.

5. THE MOST COMPLETE LINE OF FITTINGS AVAILABLE

With Milcor Two-Drain you can obtain all accessories to make your roof a complete, finished, good-looking job. Ridge Roll, Finials, End Wall Flashing, and Gambrel Roof Joint, as made by no other manufacturer, have all been designed to perfect your roofing job.

6. FULL 24-INCH COVERAGE

Two-Drain Channel Roofing covers the full 24 inches, and there is no waste of materials. You do not have to pay for extra metal such as required by less efficient designs.

7. EXTRA HEAVY ZINC COATING

This roofing is made from prime sheets to which is applied, by a special process, heavy zinc coating which assures longest possible life for this type of roofing.

POSITIVE PROTECTION AGAINST LEAKS

The edge of each sheet of Two-Drain Channel Roofing is formed into two channels with a high ridge between them. To one side of this high ridge there is a low ridge against which the overlapping sheet rests tightly. This low ridge acts as a protection against leaks in all cases but that of a wind-driven rain. Water driven over this low ridge is carried down the first channel to the eaves trough. The high ridge has a corresponding channel for carrying off water.

FIREPROOF AND LIGHTNING-PROOF

Milcor Two-Drain is FIREPROOF and LIGHTNING-PROOF (when properly grounded) . . . important features that will free the mind from the fear of fire. The sure protection that this steel roofing will provide is worth serious consideration.

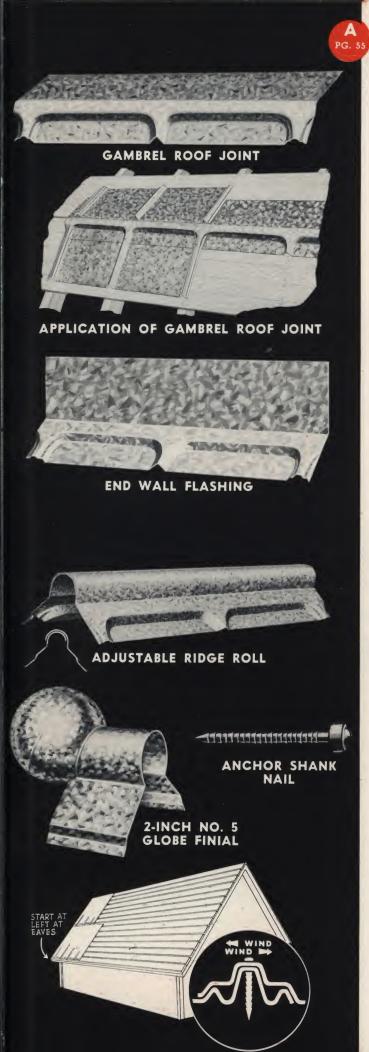
SIZES AND GAUGES

Milcor Two-Drain Channel Roofing is made in standard lengths of 7, 8, 10 and 12 feet, in 29, 28 and 26 Gauge Milcor Galvanized Steel, and 28 and 26 Gauge Milcor Galvanized Copper Alloy Steel.





Two-Drain feature is farmed by side-lap of sheets. Winddriven rain is carried off by TWO CHANNELS. NOTE: Water DOES NOT pass over nail to get into channel.



MILCOR TWO-DRAIN ROOFING ACCESSORIES

GIVE FINISHED APPEARANCE AND WEATHER-TIGHT APPLICATIONS

GAMBREL ROOF JOINT

Made in 26-inch lengths. Makes a storm-tight joint on Gambrel Roof Hips. View at left shows application.

END WALL FLASHING

Carries general roofing design over end wall. Makes tight joint. 26-inch lengths.

2-INCH NO. 5 GLOBE FINIAL

Used to finish off the Two-Drain ridge. Galvanized after formed.

ADJUSTABLE RIDGE ROLL

Ridge formed by overlapping facing sections — adjustable to fit roof design. Full lap eliminates leakage. Made in 26-inch lengths.

SPECIAL NAILS

Anchor Shank Nail cannot pull out. A lasting soft-lead seal.

HOW TO APPLY MILCOR TWO-DRAIN CHANNEL ROOFING

Milcor's feature roofing — Two-Drain Channel Roofing — is one of the easiest of all roofings to apply because of its special design. The high nailing ridge provides a single course for nailing — no triangular sticks are necessary. Complete accessories are available which fit perfectly and make a neat, trim job. Two-Drain is logically applied to roofs with slopes of not less than 2 inches per foot — which is testimony of its superior design. A 6-inch end lap should be provided although the lap can be decreased to 4 inches where practical from the standpoint of weather conditions.

This roofing can be laid on tight sheathing or on decks where slats are not more than 8 inches apart. Two-Drain—which is an improvement over ordinary V-Crimp Roofing—is neither nailed nor interlocked across the end laps. The nailing is done only along the high ridge of the side lap at intervals of 12 inches.

Diagram at left explains why it is not necessary to lay Two-Drain with concern for direction of prevailing winds. Special construction is protective on both sides. Although Two-Drain should be started at left — it can be laid from right to left by lifting the right-hand sheet to slip the left sheet under to form side lap.

MILCOR NON-SYPHONING 11/4" CORRUGATED ROOFING

Greatest of All Corrugated Roofings

POSITIVELY PREVENTS LEAKAGE FROM DRIVING RAIN OR CAPILLARY ATTRACTION

In the ordinary construction of metal roofs the cause of almost all leakage is capillary attraction, or as it is termed, syphoning. Milcor Non-Syphoning Corrugated Roofing is especially designed to prevent the syphoning of water between the two sheets.

The Non-Syphoning feature is built into this roofing by the sharp break made in one of the lower corrugations of the side lap. This break produces an air space which offsets syphoning.

Any seepage that may occur from a driving rain, or from the corrugations being banked with snow, is carried away by the small gutter formed by the break. The capacity of the gutter is much greater than is necessary to carry all the water that may be driven over or through the corrugation.

MILCOR NON-SYPHONING ROOFING

- 1. Is Weatherproof . . . Easy to Lay.
- 2. Is Economical . . . and Effective.
- 3. Protects against fire and lightning when properly grounded.
- 4. Is appropriate for barns, sheds, warehouses, etc.

SPECIFICATIONS

Non-Syphoning Corrugated Roofing is made in No. 29, No. 28, and No. 26 Gauges Galvanized Steel and Nos. 28 and 26 Gauges Galvanized Copper Alloy Steel. Also in 28 and 26 Gauge Galvanized Toncan. Size of corrugations: 1½ inches. Sheets: 26 inches wide; covering width, 24 inches. Stock lengths of 7, 8, 10 and 12 feet.



OTHER STYLES OF MILCOR CORRUGATED ROOFING

Following are descriptions of other designs in the line of Milcor Corrugated Roofing and Siding — listed in numerical order as pictured at the right:

NO. 1. 11/4-INCH CORRUGATED — 26" WIDE

Special design permits a corrugation and a half side lap to overcome capillary action. Furnished in 29 Gauge and heavier. Stock lengths of 7, 8, 10 and 12 feet. Full width of sheet, 26 inches; coverage, 24 inches.

NO. 2. 21/2-INCH CORRUGATED - 26" WIDE

Full width of sheet, 26 inches; covering width, 24 inches, when lapped one corrugation. Furnished in 29 Gauge and heavier. Stock lengths of 7, 8, 10 and 12 feet. Extremely rigid.

NO. 3. CORRUGATED ELEVATOR SIDING

Furnished with $1\frac{1}{4}$ " or $2\frac{1}{2}$ " corrugations in 29, 28 and 26 Gauge. Sheets are laid so that elevator sides can settle without disturbing fastenings of sheets. Sheets are 26 inches wide by 32 inches long and cover 24 inches. Sheets are laid with a 2" end lap and nails are 2 inches above upper edge of lower sheets — allowing sheets to slip 2 inches in every 32 inches as sides of elevator settle. Will not buckle or draw nails.

All Galvanized Corrugated Sheets are available in Milcor Sheet Steel, Copper Alloy Steel, or Toncan Iron. (Toncan not furnished in lighter than 28 Gauge.)





MILCOR ACCESSORIES FOR CORRUGATED ROOFING

These Accessories are additional Insurance for a "Matched" Water-tight job.

2" NO. 5 GLOBE FINIAL

Used to finish off Corrugated Ridge Roll. Galvanized after formed.

ONE-PIECE CORRUGATED RIDGE ROLL

Furnished in 26" or 120" lengths; $2\frac{1}{2}$ " or $1\frac{1}{4}$ " corrugations; 12" girth, standard. Other girths on special order. 29, 28, 26 and heavier gauges.

CORRUGATED SIDE WALL FLASHING

Made in 26" and 120" lengths with either $2\frac{1}{2}$ " or $1\frac{1}{4}$ " corrugations — 29, 28, 26 and heavier gauges; 12" girth.

CORRUGATED END WALL FLASHING

Made in 26" lengths with either $2\frac{1}{2}$ " or $1\frac{1}{4}$ " corrugations — 29, 28, 26 and heavier gauges; 12" girth.

CORRUGATED GAMBREL ROOF JOINT

Available in 26" lengths, $2\frac{1}{2}$ " or $1\frac{1}{4}$ " corrugations, $7\frac{1}{2}$ " qirth. Makes weather-tight joint on Gambrel Roof Hips.

HOW TO APPLY CORRUGATED ROOFING

When Corrugated Roofing is used, savings can be made by eliminating unnecessary sheathing, because the sheets are of great rigidity. Purlins (2" x 3" strips nailed across rafters) can be spaced so that a base is supplied to nail the laps of the sheets. Purlins can be laid 2 to $4\frac{1}{2}$ feet apart, or up to 6 feet apart if heavy gauge sheets are used. Slat-type roof deck with a sheathing of 1" thick boards, spaced a foot or more apart, will support corrugated sheets. Livestock buildings in severe climates should have tightly fitted sheathing, or building paper or insulation over slat-type roof decks before the roofing is laid.

If prevailing storms come from the right (as in diagram at left), start laying sheets at the left. If prevailing storms are from the left, start sheets at the right. Always begin at the eaves and lay from gable to gable, one course at a time; nail through top of corrugations—never in valley; allow sheets to overhang 2 inches or more at eaves, but bend and nail to gable end. Diagram below shows how last sheet is given extra lap to avoid cutting.

Diagram in circle at left (of section where four sheets lap) shows nailing procedure. Nail every other corrugation on end lap, 3 inches from end of sheet. Nail at 8 inch intervals up side laps.

HOW TO PREVENT CONDENSATION

Buildings housing livestock—and particularly those buildings without tight sheathing—are likely to expose the underside of the corrugated sheet to excessive moisture. To prevent condensation from humid air, lay building paper or asbestos felting over the sheathing before applying sheets. DO NOT USE TAR PAPER. Ventilators should be used to draw out moisture-laden air.

MILCOR 5-V CRIMP ROOFING

Milcor V-Crimp roofs are popular because of their attractive and finished appearance. Practical on roofs with slope as little as 2 inches per foot.

Milcor 5-V Crimp Sheets have full 24-inch covering width. Stock lengths: 7, 8, 10 and 12 feet. Available in galvanized finish. Furnished in 29, 28 and 26 gauges Galv. Steel; and 28 and 26 gauges Galv. Copper Alloy Steel.

Generally V-Crimp sheets are applied with the ends lapped but not locked. In severe climates, it is advisable to lay the sheets with the ends interlocking so as to prevent high winds from forcing moisture under the sheets.

The picture at the right illustrates the principle of applying V-Crimp roofing. Note how end laps of each sheet interlock — similar to Standing Seam sheets. Small inset at the lower right of the picture shows how the Crimp-ends are sealed — preventing weather action on the sheathing.

V-Crimp sheets can be laid over an open type roof deck or over old wood shingles. (Never lay steel sheets over tar paper as this material is acid bearing.) Although V-Crimp roofing is extremely rigid — it is not usually recommended for laying directly over purlins.

HOW TO APPLY V-CRIMP ROOFING FOR SEVERE CLIMATES

To form end locks, notch sheets 1 inch on lower end and $^{3}4$ inch on upper end close to the V-Crimp. Bend upper end up, lower end down in interlocking manner similar to manner for Standing Seam Sheets.

For first course, mallet down side V-Crimp about $1\frac{1}{4}$ inches. Turn edge over sheathing at Gable End. Nail with $\frac{3}{4}$ -inch roofing nails about every 2 to 3 inches. Let lower end of sheet project $1\frac{1}{2}$ inches at eaves. To finish eaves: Snip sheets, turn down over edge and nail.

When the first sheet is in place, nail under end lock flange to sheathing. Hook end lock flanges together, mallet down and follow up roof to ridge.

If Ridge Roll is used allow only $\frac{1}{2}$ inch on one side and flatten down overlap.

In laying next course overlap V-Crimp of sheets, nail through V-Crimp with $1\frac{3}{4}$ -inch roofing nails about every 8 to 12 inches.

DO NOT NAIL THROUGH CROWN OF V-CRIMP, BUT DRIVE NAIL ON SLANT THROUGH SIDE OF V-CRIMP.

Always finish one course before laying the next.

To finish seam approaching ridge or hip, flatten down V-Crimp about 6 to 8 inches.

Hips are finished same as Ridge.

Tools necessary: 1 End Lock Former.

MILCOR 5-V CRIMP ROOFING APPLICATION VIEW MILCOR 5-V CRIMP ROOFING

MILCOR PLAIN RIDGE ROLL FOR USE WITH 5-V CRIMP ROOFING

In applying Milcor Plain Ridge Roll to 5-V Crimp Roofing, the crimps of the roofing are first malleted down for a sufficient distance from the ridge to allow the ridge roll to fit snugly to the roof surface. The ridge roll is then nailed in place.

Roofown the

MILCOR PLAIN RIDGE ROLL

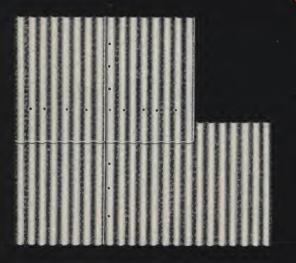


MILCOR CORRUGATED ELEVATOR SIDING

11/4" - 21/2" CORRUGATED

Sheets are laid in such a manner that the elevator sides have a chance to settle without disturbing the fastenings of sheets. 2½-inch Corrugated Sheets are 26 inches wide by 32 inches long, and cover 24 inches. 1¼-inch Corrugated Sheets are 26 inches wide by 32 inches long, and cover 24 inches. The sheets are laid with a 2-inch end lap and the nails are two inches above the upper edge of the lower sheets, thus allowing the sheets to slip 2 inches in every 32 inches as the sides of the elevator settle, without buckling or drawing the nails.

Milcor Elevator Sidings are perfectly formed. They are low in cost, easy to apply and add to fire protection. Furnished in Galvanized Steel or Galvanized Copper Alloy Steel in standard gauges.



MILCOR 11/4" OR 21/2"
CORRUGATED ELEVATOR SIDING

B PG. 59

IMPERIAL BRICK FACE SIDING

Imperial Pressed Brick Siding, after painting, is a true replica of plain brick. The brick size is $2\frac{4}{5} \times 8\frac{1}{4}$ inches. Sheets are 28×60 inches. Apply on solid sheathing. Furnished in 29 Gauge, 28 Gauge and 26 Gauge Galvanized Steel.

HOW TO APPLY IMPERIAL SIDING

Milcor Metal Siding is easily applied over wood sheathing according to the following instructions:

STEP 1 — With spirit level and chalk line get level of building entirely around base and strike line corresponding thereto.

STEP 2 — Place a full sheet of siding at one corner of building, allowing end to extend two or more feet past corner so that cross grooves are immediately over corner, the lower edge of the sheet resting on the chalk line.

STEP 3 — Nail sheet to wall through grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at middle of sheet to nail and work towards ends and sides, placing nails two or three bricks apart. Never nail through the brick.

STEP 4 — Bend projecting two feet around the corner with hands or with piece of board, using mallet slightly to bring down any uneven spots.

STEP 5 — Lay sheets around building until you meet first sheet laid. Place first sheet of second tier over first tier so as to break joints perfectly as in brick work, letting half groove at bottom of sheet lap over first and fit closely in half groove at top of first sheet.

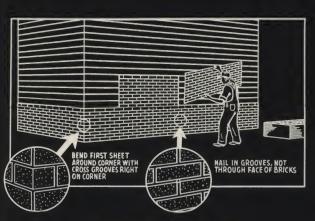
STEP 6 — Window and door frames should not be put in until after siding is on. In case frames are in, the Steel Siding may be applied and faced at doors and windows the same as for wood siding.

STEP 7 — At windows or doors, cut the sheets about 3 inches above bottom sill, and the same distance from the side. Then cut from corner, thus formed, obliquely to corner of window or door space, bend the steel with the hands down upon window sill and around side of studding, and nail it fast. Window frames fit in over these laps and show a complete brick finish.

Best nails to use are %8" barbed roofing nails or three penny common wire nails. Always use a nail set to drive nail home. About three-quarters of a pound of nails are used to a square of siding.



IMPERIAL BRICK FACE SIDING



APPLICATION OF IMPERIAL BRICK FACE SIDING

MILCOR SELF-CAP ROLL ROOFING

This roofing gets its name from the method of forming the side seams which join the sheets.

Self-Cap Roll Roofing is appropriate for all types of buildings, and particularly for those with a slight roof pitch.

The soft annealed sheets make it possible to form the side seams easily without cracking the material. This roofing is made from sheets $26\,\%$ inches wide before resquaring.

All Milcor Roll Roofing is made from Prime Sheets double cross-locked together, notched and resquared on both ends and sides. It is furnished in rolls 50 feet long, which cover 100 square feet when laid.

Milcor sheets are resquared BEFORE galvanizing and consequently have no raw edges. All Milcor Roll Roofing is available in 29, 28 and 26 Gauge Galvanized Steel and Galvanized Copper Alloy Steel.

DIRECTIONS FOR APPLICATION

The following directions apply to Milcor Roll Roofing. Individual features of application are illustrated by the progressive views at the right.

Measure the length required to reach from eaves to ridge, allowing an extra inch on one side of the roof, and an extra $1\frac{1}{2}$ inches on the other side of the roof for the standing seam on ridge; also allow $1\frac{1}{2}$ inches to 2 inches to bend down at eaves.

When working from left to right—for the first course turn down 1 inch on left hand side of sheet for fitting over edge of sheathing at gable and nail securely with ¾-inch barbed roofing nails spaced about 2 inches. Then flange up the right hand side of sheet length with Flanging Tongs.

Adjust cleats about every 12 inches along flange. See Step No. 2 at right. Then flange up left side of next course and place same against first course.

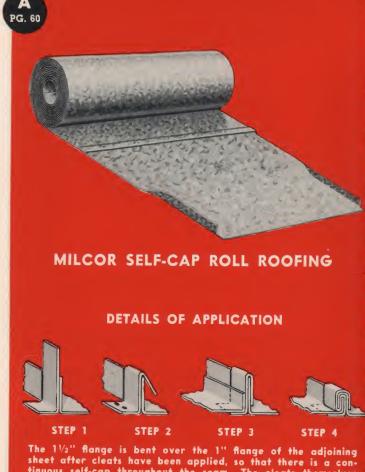
With double seamer bend projection over and close tight. See Steps Nos. 3 and 4 at right. To finish each seam approaching ridge or hip, flatten down standing seam about 6 to 8 inches.

Tools necessary: 1-inch Flanging Tongs, $1\frac{1}{2}$ -inch Flanging Tongs and 1-inch Double Seamers. See page 61.

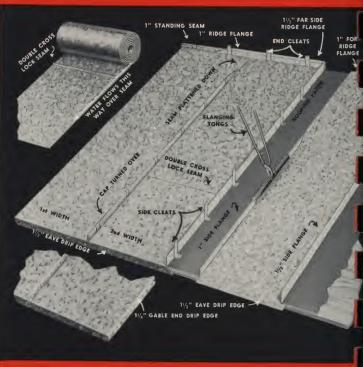
NOTE: On Self-Cap, working left to right, the 1-inch flange should be on the left side.

GENERAL DIRECTIONS

Always finish each course before laying the next. Ridge can be finished same as the standing seams by letting the sections pass the center of ridge enough to flange up 1 inch on one side and $1\frac{1}{2}$ inches on the other side. If Ridge Roll is used, instead of allowing the 1 inch and $1\frac{1}{2}$ inches on top of ridge for standing seam, allow only $\frac{1}{2}$ inch on one side and flatten down as an overlap. Hips are always finished the same way as ridge, after cutting to proper angle.



The $1^{1/2}$ " flange is bent over the 1" flange of the adjoining sheet after cleats have been applied, so that there is a continuous self-cap throughout the seam. The cleats themselves are bent over the higher flange and then bent back over the lower flange so that they are held tightly to the roofing.



APPLICATION VIEW



MILCOR ROOFING NAILS AND CLIPS ORDER WITH YOUR ROOFING

1. ZINCLAD CALK SCREW NAILS

- A. A Spiral Shank which provides better holding power and will not pull out. One-piece design.
- B. A leakproof Head which plugs the hole and cannot loosen or come off.
- C. A Heavy Zinc Coating which protects the nail itself and also assists in preventing rust on the roofing around the nail holes.

 1/2-INCH HEADS

Packed 100 lbs. to a Keg or 20 5-lb. Cartons to a case. Requires approximately 1 lb. to square of roofing. SIZES — $1\frac{1}{2}$, $1\frac{3}{4}$, 2 and $2\frac{1}{2}$ inches.

2. ANCHOR SHANK LEAD-HEAD NAILS

"Anchor" nails not only keep the roofing tight, but also because of their soft lead heads, permanently seal and plug the nail hole against moisture and leaks. The body of this nail carries a series of raised, anchor-like rings which imbed themselves in the wood. These anchors prevent any pull or twist after the nail has been driven. Tests prove that "Anchor" nails hold four times better than ordinary nails. Sizes $-1\frac{1}{2}$ ", $1\frac{3}{4}$ ", 2" and $2\frac{1}{2}$ ".

3. BARBED LEAD-HEAD NAILS

Requires approximately	y 1½ lbs. per	square of ro	oting.	
Size	11/2"	13/4"	2"	21/2"
No. Per Lb				
Cone Head	87	80	71	62
Flat Head	95	87	81	71

4. LEAD-HEADED FASTENERS

Size 6"	7"	8"	9"	10"	11"	12"	13"	14"
No. Per Lb25	23	21	20	18	16	15	14	12

5. PATTERSON ROOFING CLIPS

Packed 250 - 500 - 1,000 per box.

Saves labor costs in fastening roofing or siding to steel structures. Can be fastened to practically any size of structural steel shape.



Showing Application of Lead-Headed Nails for Corrugated

Sheets.

B g. 61

"PARKER-KALON" SHEET METAL SCREWS

For joining sheet metal and for fastening to sheet metal. Round or binding heads.

3/8" No.	63/8 x 1/32"
1/2" No.	7
3/4" No.	103/4 x 1/6"
7/8" No.	14



MILCOR ROOFING TOOLS

DOUBLE SEAMER - 1 inch, 11/2 inch.

ADJUSTABLE FLANGING TONGS — ½ inch to 1¾ inch.





PG. 6

METAL PUNCH—(PARKER OX)

#O.X. Metal Punch complete with one each $\frac{3}{32}$ ". $\frac{1}{32}$ ". $\frac{3}{32}$ ". $\frac{3}{16}$ ". $\frac{1}{32}$ ". \frac



Extra Long Lead-Headed

Fastener. For Structural
Steel Work.

MILCOR ELASTIC ROOF CEMENT "370 SPECIAL" TINNERS' RED OXIDE PAINT



"370 SPECIAL" TINNERS' RED OXIDE PAINT

Easy to apply with spray or brush. Heavy bodied, retains high clear red tone, covers 500 to 600 sq. ft. per gallon (one coat). Dries hard in 24 hours. Fast set up in four or five hours. 1 gallon and 5 gallon cans.

MILCOR ELASTIC ROOFING CEMENT

Can be applied to any kind of surface, whether wet or dry. No leakage or waste — will not harden or crack. Shipped in 25, 50, 100, 300 and 600 lb. steel containers.

PAGE 61

HOW TO ESTIMATE **ROOFING REQUIREMENTS**

An Accurate Bill of Materials Assures Speedy Application, Complete Delivery and Economy

The most simple and basic principles of estimating are presented on these pages. While these rules are rather complete in themselves, it is suggested that buyers confer with Milcor on estimates and plans involving complicated roof structures. The technical counsel of the engineering staffs at each of the Milcor Plants is also available on these problems — a simple sketch of the building, with accurate measurements, is all that need be submitted to receive this service promptly.

NEVER GUESS at roof measurements. Use a reliable measuring stick or rule on ALL dimensions.

DETERMINE NUMBER OF SHEETS TO REACH FROM

GABLE to GABLE

The sketch within this circle displays details to be considered in respect to length along the ridge. Note typical building (below circle) to which these factors apply.

Allow for 1 inch or more overhang at each gable to be bent over and nailed to wood Allow for side laps - computing only actual roof coverage of each sheet (covering widths are listed in this book for each type of sheet).

DETERMINE NUMBER OF SHEETS TO REACH FROM

The sketch within this circle displays details to be considered in respect to length

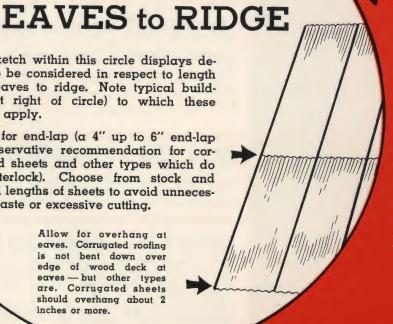
from eaves to ridge. Note typical building (at right of circle) to which these factors apply.

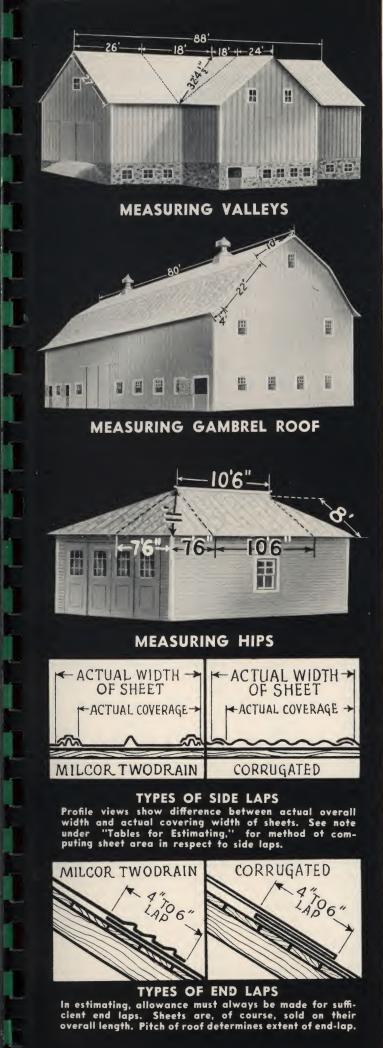
Allow for end-lap (a 4" up to 6" end-lap is conservative recommendation for corrugated sheets and other types which do not interlock). Choose from stock and special lengths of sheets to avoid unnecessary waste or excessive cutting.

> Allow for overhang at eaves. Corrugated roofing is not bent down over edge of wood deck at eaves — but other types are. Corrugated sheets should overhang about 2 inches or more.

The typical building (above) has a length of 57 feet from gable to gable and measures 23 feet from eaves to ridge. 29 sheets (of a 24-inch actual coverage width) will cover the course from gable to gable — allowing for gable drip edge overhangs.

Three courses of 8-foot sheets provide coverage, allowing for a 2-inch eave drip edge and 5-inch end laps. Each slope will require 87 sheets (three courses of 29 sheets each) or 174 sheets for both slopes of the roof. To determine cost of the roofing, it is necessary to figure the "squares" involved - see opposite page for explanation.





HOW TO MEASURE FOR ROOFING

VALLEYS

Valleys are easily measured. In the example the 26 ft. x 27 ft. area and the 24 ft. x 27 ft. area are each estimated as separate roofs. Then apply this rule to estimate the full valley area: "Figure the number of sheets required for one slope if the eave of the slope were as long as the ridge and no valley were there. Then increase this number by one-half."

GAMBREL ROOF

Gambrel Roof with Flared Eave — Since sheets do not lap top and bottom at hip, the upper slope is estimated as a separate roof area. The lower slope is measured as one unit since sheets are easily curved to conform to flared eave. Hip is covered by Gambrel Joint.

HIPS

Hips are measured by the same rule which applies to valleys because a hip differs from a valley only in that a combination of the ridge (rather than the eave) is missing. In the example: The roof section with the gable-to-gable measurement of 10 feet, 6 inches—and the eaves to ridge measurement of 8 feet—is estimated as one unit. Each hip is then regarded in the same manner as a valley—figuring the number of sheets for one slope as if the ridge of the slope were as long as the eave; increasing this number by one-half.

In applying these roofing materials — the sheets are cut on the job and the trimmings obviously utilized in covering the opposing slope.

HOW COST OF ROOFING CAN BE DETERMINED

Roofing and Siding materials are sold by the "square." A "square" is 100 square feet (not of the roof — but of the actual material). After the necessary number of sheets of a specified length is determined — multiply that figure by the number of square feet per sheet (the table below supplies the number of square feet per sheet). Divide by 100, and the resulting figure represents the number of squares. Multiply this figure by the price per square — thus arriving at the final cost of the material.

Example (based on the quantity of 174 8-foot sheets required for the roof illustrated on the opposite page): 174 (sheets) \times 17.333 (sq. ft. in one 8-foot corrugated sheet) = 3,016 sq. ft. $3,016 \div 100 = 30.16$ squares.

TABLES FOR ESTIMATING

Since side laps of corrugated sheets vary according to styles of application — corrugated sheets are estimated on actual covering width BUT SOLD on the overall width. For that reason, the square-foot area of corrugated sheets is listed below on the basis of overall width. Two-Drain and V-Crimp (having specific side laps) are estimated and sold on the basis of actual coverage. Their square foot area, therefore, does not include side laps.

Length	CORRUGAT	Two-Drain, V-Crimp,	
of Sheet	26" Wide Sq. Ft. Per Sheet	27½" Wide Sq. Ft. Per Sheet	24" Covering Width Sq. Ft. Per Sheet
7 Ft.	15.167	16.042	14
8 Ft.	17.333	18.333	16
10 Ft.	21.667	22.917	20
12 Ft.	26.000	27.500	24

MILCOR ROOFING SCALE

The following tables give the chargeable number of squares (1 sq. = 100 sq. ft.) in any quantity of sheets of a given length in the various types of roofing designated.

NUMBER OF SQUARES IN SHEETS

		6 INCHES V			1/4	2	6 INCHES	UGATED ROWIDE	JOFING
No. of			OF SHEETS		No. of		LENGTH	OF SHEETS	5
Sheets	7 Ft.	8 Ft.	10 Ft.	12 Ft.	Sheets	7 Ft.	8 Ft.	, 10 Ft.	12
2 3 4 5	.31 .46 .61	.35 .52 .70 .87	.44 .65 .87 1.09	.52 .78 1.04 1.30	51 52 53 54 55	7.74 7.89 8.04 8.19 8.35	8.84 9.02 9.19 9.36 9.54	11.05 11.27 11.49 11.70 11.92	13 13 13 14 14
6 7 8 9 10	.91 1.07 1.22 1.37 1.52	1.04 1.22 1.39 1.56 1.74	1.30 1.52 1.74 1.95 2.17	1.56 1.82 2.08 2.34 2.60	56 57 58 59 60	8.50 8.65 8.80 8.95 9.10	9.71 9.88 10.06 10.23 10.40	12.14 12.35 12.57 12.79 13.00	14. 14. 15. 15.
11 12 13 14 15	1.67 1.82 1.98 2.13 2.28	1.91 2.08 2.26 2.43 2.60	2.39 2.60 2.82 3.04 3.25	2.86 3.12 3.38 3.64 3.90	61 62 63 64 65	9.26 9.41 9.56 9.71 9.86	10.58 10.75 10.92 11.10 11.27	13.22 13.44 13.65 13.87 14.09	15. 16. 16. 16.
16 17 18 19 20	2.43 2.58 2.73 2.89 3.04	2.78 2.95 3.12 3.30 3.47	3.47 3.69 3.90 4.12 4.34	4.16 4.42 4.68 4.94 5.20	66 67 68 69 70	10.01 10.17 10.32 10.47 10.62	11.44 11.62 11.79 11.96 12.14	14.30 14.52 14.74 14.95 15.17	17. 17. 17. 17. 17. 18.
21 22 23 24 25	3.19 3.34 3.49 3.64 3.79	3.64 3.82 3.99 4.16 4.34	4.55 4.77 4.99 5.20 5.42	5.46 5.72 5.98 6.24 6.50	71 72 73 74 75	10.77 10.92 11.08 11.23 11.38	12.31 12.48 12.66 12.83 13.00	15.39 15.60 15.82 16.04 16.25	18.4 18.7 18.9 19.2 19.5
26 27 28 29 30	3.95 4.10 4.25 4.40 4.55	4.51 4.68 4.86 5.03 5.20	5.64 5.85 6.07 6.29 6.50	6.76 7.02 7.28 7.54 7.80	76 77 78 79 80	11.53 11.68 11.83 11.99 12.14	13.18 13.35 13.52 13.70 13.87	16.47 16.69 16.90 17.12 17.34	19.7 20.0 20.2 20.5 20.8
31 32 33 34 35	4.70 4.86 5.01 5.16 5.31	5.38 5.55 5.72 5.90 6.07	6.72 6.94 7.15 7.37 7.59	8.06 8.32 8.58 8.84 9.10	81 82 83 84 85	12.29 12.44 12.59 12.74 12.90	14.04 14.22 14.39 14.56 14.74	17.55 17.77 17.99 18.20 18.42	21.00 21.33 21.58 21.84 22.10
36 37 38 39 40	5.46 5.62 5.77 5.92 6.07	6.24 6.42 6.59 6.76 6.94	7.80 8.02 8.24 8.45 8.67	9.36 9.62 9.88 10.14 10.40	86 87 88 89 90	13.05 13.20 13.35 13.50 13.65	14.91 15.08 15.26 15.43 15.60	18.64 18.85 19.07 19.29 19.50	22.36 22.62 22.88 23.14 23.40
41 42 43 44 45	6.22 6.37 6.53 6.68 6.83	7.11 7.28 7.46 7.63 7.80	8.89 9.10 9.32 9.54 9.75	10.66 10.92 11.18 11.44 11.70	91 92 93 94 95	13.81 13.96 14.11 14.26 14.41	15.78 15.95 16.12 16.30 16.47	19.72 19.94 20.15 20.37 20.59	23.66 23.92 24.18 24.44 24.70
46 47 48 49 50	6.98 7.13 7.28 7.44 7.59	7.98 8.15 8.32 8.50 8.67	9.97 10.19 10.40 10.62 10.84	11.96 12.22 12.48 12.74 13.00	96 97 98 99	14.56 14.72 14.87 15.02	16.64 16.82 16.99 17.16	20.80 21.02 21.24 21.45	24.96 25.22 25.48 25.74

MILCOR ROOFING SCALE

The following tables give the chargeable number of squares (1 sq. = 100 sq. ft.) in any quantity of sheets of a given length in the various types of roofing designated.

NUMBER OF SQUARES IN SHEETS

No. of LENGTH OF SHEETS				37 /		24 INCHES WIDE LENGTH OF SHEETS			
Sheets	7 Ft.	8 Ft.	10 Ft.	12 Ft.	No. of Sheets	7 Ft.	8 Ft.	10 Ft.	12 Ft.
					51	7.14	8.16		
2	.28	.32	.40	40				10.20	12.24
				.48	52	7.28	8.32	10.40	12.48
3	.42	.48	.60	.72	53	7.42	8.48	10.60	12.72
4	.56	.64	.80	.96	54	7.56	8.64	10.80	12.96
5	.70	.80	1.00	1.20	55	7.70	8.80	11.00	13.20
6	.84	.96	1.20	1.44	56	7.84	8.96	11.20	13.44
7	.98	1.12	1.40	1.68	57	7.98	9.12	11.40	13.68
8	1.12	1.28	1.60	1.92	58	8.12	9.28	11.60	13.92
9	1.26	1.44	1.80	2.16	59	8.26	9.44	11.80	14.16
10	1.40	1.60	2.00	2.40	60	8.40	9.60	12.00	14.40
11	1.54	1.76	2.20	2.64	61	8.54	9.76	12.20	14.64
12	1.68	1.92	2.40	2.88	62	8.68	9.92	12.40	14.88
13	1.82	2.08	2.60	3.12	63	8.82	10.08	12.40	
14	1.96	2.24							15.12
15			2.80	3.36	64	8.96	10.24	12.80	15.36
	2.10	2.40	3.00	3.60	65	9.10	10.40	13.00	15.60
16	2.24	2.56	3.20	3.84	66	9.24	10.56	13.20	15.84
17	2.38	2.72	3.40	4.08	67	9.38	10.72	13.40	16.08
18	2.52	2.88	3.60	4.32	68	9.52	10.88	13.60	16.32
19	2.66	3.04	3.80	4.56	69	9.66	11.04	13.80	16.56
20	2.80	3.20	4.00	4.80	70	9.80	11.20	14.00	16.80
21	2.94	3.36	4.20	5.04	71	9.94	11.36	14.20	17.04
22	3.08	3.52	4.40	5.28	72	10.08	11.52	14.40	17.28
23	3.22	3.68	4.60	5.52	73	10.22	11.68	14.60	
									17.52
24	3.36	3.84	4.80	5.76	74	10.36	11.84	14.80	17.76
25	3.50	4.00	5.00	6.00	75	10.50	12.00	15.00	18.00
26	3.64	4.16	5.20	6.24	76	10.64	12.16	15.20	18.24
27	3.78	4.32	5.40	6.48	77	10.78	12.32	15.40	18.48
28	3.92	4.48	5.60	6.72	78	10.92	12.48	15.60	18.72
29	4.06	4.54	5.80	6.96	79	11.06	12.64	15.80	18.98
30	4.20	4.80	6.00	7.20	80	11.20	12.80	16.00	19.20
31	4.34	4.96	6.20	7.44	81	11.34	12.96	16.20	19.44
32	4.48	5.12	6.40	7.68	82	11.48	13.12	16.40	19.68
33	4.62	5.28	6.60	7.92	83	11.62	13.28	16.60	19.92
34	4.76	5.44	6.80	8.16	84	11.76	13.44	16.80	20.16
35	4.90	5.60	7.00	8.40	85	11.90	13.60	17.00	20.10
36	5.04	5.76	7.20	8.64	86	12.04	13.76	17.20	20.64
37	5.18	5.92	7.40	8.88	87	12.18	13.92	17.40	
									20.88
38	5.32	, 6.08	7.60	9.12	88	12.32	14.08	17.60	21.12
39	5.46	6.24	7.80	9.36	89	12.46	14.24	17.80	21.36
40	5.60	6.40	8.00	9.60	90	12.60	14.40	18.00	21.60
41	5.74	6.56	8.20	9.84	91	12.74	14.56	18.20	21.84
42	5.88	6.72	8.40	10.08	92	12.88	14.72	18.40	22.08
43	6.02	6.88	8.60	10.32	93	13.02	14.88	18.60	22.32
44	6.16	7.04	8.80	10.56	94	13.16	15.04	18.80	22.56
45	6.30	7.20	9.00	10.80	95	13.30	15.20	19.00	22.80
46	6.44	7.36	9.20	11.04	96	13.44	15.36	19.20	23.04
47	6.56	7.52	9.40	11.28	97	13.58	15.52	19.40	23.28
48	6.72	7.68	9.60	11.52	98	13.72	15.68	19.60	23.52
49	6.86	7.84	9.80	11.76	99	13.86	15.84	19.80	23.76
50									
211	7.00	8.00	10.00	12.00	100	14.00	16.00	20.00	24.0

PRESSED BRICK SIDING SCALE

The following table gives the number of squares (1 sq. = 100 sq. ft.) in any quantity of sheets of Pressed Brick Siding.

NUMBER OF SQUARES IN SHEETS

	NUMBER	Or 3Q	UARES I	IA SHEE	13
	GALVANIZ	ED PRESSEI	BRICK SIDIN	G 28" x 60"	
Number of Sheets	Number of Squares	Number of Sheets	Number of Squares	Number of Sheets	Number of Squares
1	.12	34	3.97	67	7.82
2	.23	35	4.08	68	7.93
3	.35	36	4.20	69	8.05
4	.47	37	4.32	70	8.17
5	.58	38	4.43	71	8.28
6	.70	39	4.55	72	8.40
7	.82	40	4.67	73	8.52
8	.93	41	4.78	74	8.63.
9	1.05	42	4.90	75	8.75
10	1.17	43	5.02	76	8.87
11	1.28	44	5.13	77	8.98
12	1.40	45	5.25	78	9.10
13	1.52	46	5.37	79	9.22
14	1.63	47	5.48	80	9.33
15	1.75	48	5.60	81	9.45
16	1.87	49	5.72	82	9.57
17	1.98	50	5.83	83	9.68
18	2.10	51	5.95	84	9.80
19	2.22	52	6.07	85	9.92
20	2.33	53	6.18	86	10.03
21	2.45	54	6.30	87	10.15
22	2.57	55	6.42	88	10.27
23	2.68	56	6.53	89	10.38
24	2.80	57	6.65	90	10.50
25	2.92	58	6.77	91	10.62
			6.88	92	10.73
26	3.03	59		93	10.85
27	3.15	60	7.00	94	10.97
28	3.27	61	7.12	95	11.08
29	3.38	62	7.23	96	11.20
30	3.50	63	7.35	97	11.32
31	3.62	64	7.47	98	11.43
32	3.73	65	7.58	99	11.55
33	3.85	66	7.70	100	11.67





With proper painting and care a Steel Roof will last indefinitely.

HOW TO GROUND A ROOF AGAINST DAMAGE BY LIGHTNING

Because lightning usually strikes at the highest point—a galvanized steel pipe projection must be added where chimneys (or other objects not covered with metal) are the highest. This pipe (%" or $\frac{1}{2}$ " diameter) is fastened to the chimney as per the diagram at the left.

Average rectangular buildings should have a ground at each of two diagonally opposed corners. Long buildings require grounds at each outside corner and at intervals not exceeding 100 feet around the structure. Approved lightning rod conductors or steel pipe can be used for a ground. The conductor must be bolted securely to the steel roof and fastened to the side of the building with galvanized screw hooks. The conductor should be 2" away from wood roof deck and walls to keep heat from igniting wood. Drive pipe into ground several feet, to permanent moisture level, and attach to conductor with galvanized cable clamps or regular pipe coupling. Paint the pipe and connections.

HOW TO PAINT GALVANIZED ROOFING

Before paint can be applied to galvanized roofing, the greasy, oily surface so common in galvanized roofing must be removed, otherwise the paint will not adhere. There are three ways of removing this oily surface. First, by natural process allowing the sheet to weather or age exposed to the elements. However, in the event a quick job is required this method is out, so we recommend the mechanical or chemical etching.

Of the two, the mechanical method is the most preferred as it does not endanger the sheet from possible harmful chemical reaction that may ruin the sheet. The mechanical method consists of scouring the surface with a fine mesh abrasive, steel wool or a mild sand blasting and then washing it and allowing it to dry thoroughly to insure against the possibility of harmful unadherent left by the blasting or scouring.

For those preferring the chemical etching system, we recommend the following treatment: One of the oldest chemical treatments involves the use of antimony chloride dissolved in gasoline, turpentine or some other non-acid solvent. This solution is swabbed over the surface and allowed to dry. The blackened sheet is then washed thoroughly and allowed to dry completely before applying the paint. Another method is to wash the sheet with a solution made up of one pound of sal soda dissolved in three gallons of water. 24 hours should elapse before applying the paint.

Acetic Acid (vinegar) is also used as an etching medium. A weak solution of this is used and after it is dried it is thoroughly washed with water and allowed to dry before applying the paint.

"370 SPECIAL" TINNERS' RED **OXIDE PAINT**

EASY TO APPLY with spray or brush. Can be used on wood.

HEAVY BODIED - Retains its high clear red tone. Made from the best oxide of iron combined with the finest red lead. The vehicle is a combination of raw and boiled linseed oil, heat treated with the proper amount of drier and thinner.

EXTRA COVERAGE — 500 to 600 square feet per gallon, one coat. QUICK DRYING — Dries hard in 24 hours. Fast set-up in four or five hours.

Furnished in 1 gallon and 5 gallon cans.



"370 SPECIAL" **TINNERS'** RED OXIDE



NO. 30 STAR SOLDERING FURNACE

DESCRIPTION

Large casting makes it the most powerful and compact furnace ever produced. Shape and low center of gravity make it hard to upset on the roof, yet easy to carry. Every part oversize; construction improved and strengthened. New sub-generator and drip cup an unrivalled feature. Gasoline economy, ready ignition, and convenience are unsurpassed. Replacement parts available.

SPECIFICATIONS

SIZE - 201/2" long, 7" wide, 10" high,

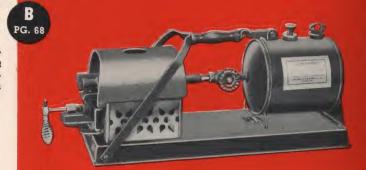
HOOD - 7" x 5" x 3" high.

BURNER - 41/4" x 13/4" diameter.

LEAKLESS PUMP - 7/8" x 41/2".

CAPACITY — 3 quarts.

WEIGHT — 14 lbs.; crated 21 lbs.



NO. 30 STAR SOLDERING FURNACE

MILCOR ACID SWABS

Sold by dozen or gross. Write for Prices.

MILCOR WARRANTED SOLDER

Price subject to Daily Market Quotations on Tin and Lead. Orders always filled at lowest price applying on day of shipment.

SPECO BAR

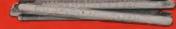
Solid sal ammoniac for cleaning and tinning soldering irons. Available in 1-lb. packages.

RUBY SOLDERING FLUID

Available in 1 quart, 1 gallon and 5 gallon cans.



MILCOR ACID SWABS



MILCOR WARRANTED SOLDER





SPECO BAR

RUBY SOLDERING FLUID

"PARKER-KALON" SHEET METAL SCREWS

For joining sheet metal and for fastening to sheet metal. Round or hinding heads

Dilleting around;				
3/8"	6	3/8	x	9/200
½"	7			1/8"
3/4" No.		,		
	14			
/	**	70	~	1.08

TINNERS' RIVETS

Tinned Rivets in sizes from 8 oz. to 8 lb.

STOVE BOLTS

Round Head, Flat Head and Oven Head Stove Bolts in 3/8" to 6" lengths and 1/8" to 1/2" diameters.





PARKER-KALON SHEET METAL SCREWS



SOLDER IRON HANDLES AND COPPERS

HANDLES — No. 7 (for stem $\frac{3}{6}$ " to $\frac{1}{2}$ "), No. 8 (for stem $\frac{7}{6}$ " to $\frac{9}{6}$ ") and No. 9 (for stem 5/8" to 3/4") — Packed 1 dozen to size.

COPPERS — 2 lb., 3 lb., 4 lb., 5 lb. and 6 lb. sizes.





SOLDER IRON **HANDLES**

SOLDER IRON COPPERS

SHIPPING WEIGHTS

MILCOR STYLE "K" GUTTER & ACCESSORIES

STYLE "K" BOX GUTTER - BUNDLED AND CARTONED WEIGHTS - LBS. PER 1000 FT.

		GALVANIZED STEEL OR TONCAN IRON							COPPER	
		28 Gauge		26 Gauge		24 Gauge		16 Oz.		
Size	Girth	Bundled	Cartoned	Bundled	Cartoned	Bundled	Cartoned	Bundled	Cartoned	
4"	10"	650	730	755	835	965	1045	835	915	
5"	12"	750	830	905	985	1155	1235	1000	1080	
6"	15"	975	1080	1130	1235	1445	1550	1250	1355	

STYLE "K" HIGHBACK BOX GUTTER

4"	13"	862	940	1000	1080	 	1090	1170
5"	15"	984	1024	1142	1222	 	1210	1290
6"	18"	1172	1277	1360	1465	 	1500	1605

STYLE "K" MITRES - LBS. PER 100 SQ. OR RD. OUTLETS-LBS. PER 100 "K" END PIECES - LBS. PER 100

	GALV. OR TONC	COPPER	
Size	28 Ga.	26 Ga.	16 Oz.
4"	85	100	125
5"	125	170	195
6"	180	260	290

	GALV.	STEEL		1		GALV.	STEEL	
	OR TONC	AN IRON	COPPER			OR TONC	AN IRON	COPPER
Size	28 Gα.	26 Ga.	16 Oz.	Size	Outlet	28 Ga.	26 Ga.	16 Oz.
2"	13	17	23	4"	2"	76	88	97
3"	17	20	27	4"	3"	78	90	100
4"	28	33	40	5"	3"	93	108	119
VII CIII	T. CON	N JDC	PED 100	5"	4"	95	110	122
			PER 100	6"	3"	112	130	144
4"	25	29		6"	4"	114	133	146
5"	26	30		0	4	114	133	140

2	IYLE	K	END CA	APS—LBS.	PER 100
	4"		7	9	10
	5"		9	12	15
	6"		13	1.0	23

" SLIP	JT. COI	NNLBS.	PER 100
4"	25	29	
5"	26	30	
6"			

SQ. BEAD HANGERS-LBS. PER 100

1	K., ZTI	P END CA	PS—LBS.	PER 100
	4''		36	
	5"		51	
	6"			

•	'K'' R	ETURN EN	D PCS.	LB./100	
	4"				
	5"				
	6"				

Size	GALV. STEEL	COPPER
10"	23	22
12"	27	28
14"	30	31

GUTTER SPIKES - LBS. PER 100

Size	Weights
7" × 3/6"	6
8" x 1/4"	12

	4"	5"	6"
GALVANIZED STEEL	37	47	55
COPPER	50	60	75

EEPPILIES __ IRS PER 1000

MILCOR HALF-ROUND GUTTER & ACCESSORIES

HALF-ROUND GUTTER - BUNDLED AND CARTONED WEIGHTS - LBS. PER 1000 FT.

		LAP JOINT GUTTER							SLIP JOINT GUTTER				
		GALV. STEEL OR TONCAN IRON						CO	PPER	GALV. STEEL OR TONCAN IRON			N IRON
	-	28 G	auge	26 G	auge	24 G	auge	16	Oz.	28 0	auge	26 G	auge
2	Size	Bdld.	Cartoned	Bdld.	Cartoned	Bdld.	Cartoned	Bdld.	Cartoned	Bdld.	Cartoned	Bdld.	Cartoned
	4"	530	630	640	715	820	895	710	785	530	630	645	720
	5"	620	730	745	830	950	1035	830	915	630	745	765	850
	6"	710	895	895	1015	1145	1265	990	1110	740	910	920	1040
	7"	905	1030	1050	1175	1335	1480	1145	1270				

HALF-ROUND TITE-LOCK HANGERS

	Lbs. Pe	r 100	
Size	GALVANIZED	COPPER	
4"	26	28	
5"	28	31	
6"	40	45	
7"	48	51	

HALF-ROUND GUTTER MITRES - LBS. PER 100

	LAP JOINT						SLIP JOINT			
	OUTSIDE MITRE			INSIDE MITRE		OUTSIDE		INSIDE		
Size	28 Ga.	26 Ga.	Copper	28 Ga.	26 Ga.	Copper	28 Ga.	26 Ga.	28 Ga.	26 Ga.
4"	70	78	78	53	58	58	79	93	75	81
5"	91	100	100	60	70	70	93	112	80	101
6"	104	119	119	83	92	92	124	143	103	110
7"	167	175	175	142	158	158	*****		*****	

"B" DROPS - LBS. PER 100

S	ize	28 Ga.	26 Ga.	Copper
1	2"	15	18	18
	3"	16	20	20
-	4"	26	32	32
	5"	37	43	43
1	6"	46	53	53

"C"	ENDS	- LBS.	PER	100

4"	13	17	17
5"	17	22	22
6"	22	28	28
7"	30	35	35

"D" ENDS - LBS. PER 100

D 21100 1001 1211 100							
Size &	Size & Drop		26 Gα.	Copper			
4"	4" 2"		65	65			
4"	3"	67	75	75			
5"	5" 3"		83	83			
5"	4"	92	100	100			
6"	4"	103	108	108			
6"	5"	108	112	112			

"E" ENDS - LBS. PER 100

Size	28 Ga.	26 Ga.	Copper
4"	8		
5"	9	10	*****
6"	11		
 S" SLIP	IT CON	NSI RS	PEP 100

"S" SLIP	JT. CONI	NS.—LBS.	PER 100
4"	12	13	13
5"	18	20	20
6"	22	23	23
7''	25	27	27

SHIPPING WEIGHTS — MILCOR CONDUCTOR PIPE & ACCESSORIES

CONDUCTOR THE WEIGHTS — EBS. TER 1000 FT.													
	Manner		RRUGAT				PLAIN	ROUND		COF	RUGAT	ED SQU	ARE
Size	Packed	28 Ga.	26 Ga.	24 Ga.	Copper	28 Ga.	26 Ga.	24 Ga.	Copper	28 Ga.	26 Ga.	24 Ga.	Copper
	Loose	525	610	770	670	410	540	690	595	530	615	765	675
2"	Crated & Nested	580	665	830	725	520	595	745	650	585	670	820	730
	Crated & Not Nested	635	720	870	780	575	650	800	705	635	720	875	780
	Loose	620	720	930	830	620	720	930	830	630	735	950	875
3"	Crated & Nested	710	810	1030	890	710	810	1030	890	740	850	1070	930
	Crated & Not Nested	770	870	1090	950	770	870	1090	950	795	905	1125	985
	Loose	820	935	1230	1095	820	935	1230	1095	840	990	1305	1145
4"	Crated & Nested	930	1065	1340	1170	930	1065	1340	1170	965	1110	1395	1215
	Crated & Not Nested	1005	1140	1415	1245	1005	1140	1415	1245	1035	1180	1465	1285
	Loose	1025	1205	1540	1350	1025	1205	1540	1350	1105	1230	1500	1420
5"	Crated & Nested	1155	1320	1670	1450	1155	1320	1670	1450	1205	1385	1675	1515
	Crated & Not Nested	1255	1420	1770	1550	1255	1420	1770	1550	1295	1475	1780	1605
	Loose	1225	1430	1850	1605	1225	1430	1850	1605				1
6"	Crated & Nested	1365	1565	1975	1715	1365	1565	1975	1715		*******		
	Crated & Not Nested	1475	1675	2085	1825	1475	1675	2085	1825				

CONDUCTOR PIPE ELBOWS - LBS. PER 100

			RRUG						N RC				UAR			A"		QUAR			'B''
Size	Gauge	No. 1	No.2	No.3	No.4	Shoe	No. 1	No. 2	No.3	No.4	Shoe	No. 1	No.2	No. 3	No.4	Shoe	No. 1	No.2	No.3	No.4	Shoe
	28 Ga.	40	45	50	57	57	28	35	38	42	40	44	46	50	58	63	42	48	58	62	63
2"	26 Ga.	41	48	54	59	60	28	38	40	44	42	44	46	58	63	63	42	48	58	62	63
	Copper	41	48	54	59	60	28	38	40	44	42	44	46	58	63	63	42	48	58	62	63
	28 Ga.	59	67	72	81	81	53	65	72	77	75	58	70	79	82	82	64	76	73	83	92
3"	26 Ga.	65	75	80	87	87	65	70	81	86	75	65	79	80	88	90	64	76	83	91	93
	Copper	65	75	80	87	87	65	70	81	86	75	65	79	80	88	90	64	76	83	91	93
	28 Ga.	90	109	115	122	120	90	110	118	124	117	90	105	118	142	150	105	108	118	138	150
4"	26 Ga.	107	115	124	138	136	100	114	125	138	125	103	118	136	150	158	105	108	124	143	158
	Copper	107	115	124	138	136	100	114	125	138	125	103	118	136	150	158	105	108	124	143	158
	28 Ga.	150	160	184	188	188	161	170	194	196	183	150	158	175	208	217	150	158	175	208	217
5"	26 Ga.	150	160	210	211	211	161	170	208	212	192	150	158	183	217	225	150	158	183	217	225
	Copper	150	160	210	211	211	161	170	208	212	192	150	158	183	217	225	150	158	183	217	225
	28 Ga.	191	260	265	278	288	225	240	250	280	350										******
6"	26 Ga.	191	260	267	283	298	225	240	290	300	350										
	Copper	191	260	267	283	298	225	240	290	300	350										
ONDL	CTOR FL	INNE	LS-	LBS.	PER	100			(CONI	DUCT	OR C	UT-C	PES	- LE	S. PI	ER 10	00			

CONDUCTOR FUNNELS-LBS. PER 100

					CORRUG. ROUND		PLAIN ROUND			CORRUG. SQUARE			
Size	28 Gα.	26 Ga.	Copper	Size	28 Ga.	26 Gα.	Copper	28 Ga.	26 Gα.	Copper	28 Ga.	26 Ga.	Copper
3"	67	82	93	3"	100	117	150	100	108	142	100	117	150
4"	83	104	108	4"	183	192	233	175	200	200	133	158	233

DIRECT DRIVE HOOKS, WIRE HANGERS, CLINCHER BANDS - LBS. PER 100

	DIRECT DRIVE	WIRE	CLINCHE	R BANDS
Size	HOOKS	HANGERS	ROUND	SQUARE
2"	10	4	15	15
21/2"	13	5	19	
3"	15	7	21	17
4"	20	10	34	23
5"	29			23
6"	35	******		

STRAINERS - LBS. PER 100

RO	UND	SQUARE			
Size	Weight	Size	Weight		
2"	9	2" x 2"	9		
3"	11	2" x 3"	12		
4"	20	3" x 4"	27		
5"	39	4" x 5"	48		
6''	49				

MILCOR RIDGE ROLL, ROOF TRIMMINGS & ROOFING

KIDGE KOEE - EDS: I EK 1000 I											
	Roll Size	29 Ga.	28 Ga.	Copper							
	11/4"	420	455	460							
	11/2"	480	520	655							
	2"	550	620	828							

NO. 5 GLOBE FINIALS-LBS. PER 100

Galvanized

20

Copper

42

SEAMLESS TERNES LBS. PER 50 FT. ROLL

Roll		IX		IC			
Width	8Lb.	20 Lb.	40 Lb.	8 Lb.	20 Lb.	40 Lb.	
14"	36	38	40	29	30	33	
20"	51	54	57	41	43	47	
24"	61	64	69	49	52	57	
28"	73	76	81	58	61	66	

GALVANIZED ROLL VALLEY

METAL BARN BATTENS Cartoned Weight - 133 lbs. per 1000 ft. ROOFING - LBS. PER SQUARE

Туре	29 Ga.	28 Ga.	26 Ga.
Two-Drain	84	91	106
Non-Syphoning	77	84	98
11/4" Corrugated	77	84	98
2½" Corrugated	77	84	98
5-V Crimp	84	91	106
2½" and 1¼"			
Corg. Elev. Siding	77	84	98
Pressed Brk. Sidg.	72	78	91
Self-Cap Roll Rfg.	81	88	

25 42 STYLE "W" FORMED VALLEY LBS. PER 1000 FT.

	LDJ. ILK	1000 11.	
Girth	29 Ga.	28 Ga.	Copper
14"	780	910	1160
16"	900	1040	1340
18"	1078	1172	1520
20"	1100	1300	1680

NO. 5 STYLE "R" CONTINUOUS HIP SHINGLES

	Galvanized	Copper
Lbs. Per 1000 Ft.	268	340

NO. 10 4-WAY HIP FINIAL 1/2 Lb. Each

FLASHING S	HINGLES—L	BS. PER 100
Galvanized	Painted Tin	Copper
17	12	24

	LB2. PEK 1000 F1.							
Roll Width	29 Ga.	28 Ga.	26 Ga.					
4"	245	265	305					
6"	365	395	460					
8"	485	530	610					
10"	610	660	765					
12"	730	795	920					
14"	780	925	1070					
16"	900	1060	1225					
18"	1040	1190	1375					
20"	1100	1225	1520					

	ROOF EDGING - LBS.	PER	1000	FT.
	Styles A, B, F & G		180 lbs	
i	Styles C, D & E		310 lbs	

ZINC SIDING TRIM-LBS. PER CRATE No. 2 — 62 lb. No. 1 — 94 lb. No. 3 — 68 lb.

BLDG. CC	RNERS-	LBS. PER	250 PCS.
No. 4	15	No. 83/4	36
No. 5	22	No. 10½	42
No. 6	23	No. 103/4	45
No. 81/2	34	No. 14	24

RFG. FOOTAGE-			
Type	29 Ga.	28 Gα.	26 Ga.
Two-Drain			
Adjust. Ridge Roll	835	907	1053
Two-Drain			
End Wall Flashing	696	756	877
Two-Drain			
Gambrel Roof Jts.	696	756	877
21/2" or 11/4" Corg.			
Ridge Roll	719	781	906
2½" or 1¼" Corg.			
Side Wall Flash'g	719	781	906
2½" or 1¼" Corg.			
End Wall Flash'g	719	781	906
21/2" or 11/4" Corg.			
Gambrel Roof Jts.	479	521	604

PAGE 70

Roll Size

11/4"

SHIPPING WEIGHTS (Approximate)

MILCOR GALVANIZED FURNACE PIPE AND FITTINGS — Weights in Pounds

		FURNA	ANIZED CE PIPE 00 24" J		90	ALVANI	ELBOV	VS	4.	ALVAN	ANGL	ES			ANIZED DINTS
Size			26 Ga.			Wt. Per 28 Ga.			30 Ga.	Wt. Per	26 Ga.		Size	Wt. Per	100 Pcs.
-						20 Ga.	26 Ga.	24 Ga.	30 Ga.	28 Ga.	26 Ga.	24 Ga.	(Inches)	26 Ga.	24 Ga.
3"	114	136	158	202	40	48	55	71							
4"	148	178	206	262	57	68	79	101	39	49			3 x 3 x 3	66	
5"	182	218	252	322	77	91	106	135	53	63	73	94	4 = 4 = 4	95	
6"	214	258	296	378	107	128	149	190	67	80	93	118	4 x 4 x 4	95	*****
7''	252	300	348	444	132	156	181	231	81	93	111	142	5 x 5 x 5	120	
8"	288	344	396	506	159		217	277	94		130	166			
9"	320	383	442	564	189		263	336	113		156	199	6 x 6 x 6	205	295
10"	354	424	490	624	220		304	387	137		189	242	7 x 7 x 7	290	375
12"	422	506	584	746	289		400	509	171		236	301	,,		
14"			680				570				303		8 x 8 x 8	830	420
16"			776				773				435		9 x 9 x 9	425	510
18"			872				937				523		3 X 3 X 3	443	310
20"			964				1109				611		10 x 10 x 10	475	560
22"			1060				1297				731				
24"			1154				1512				834		12 x 12 x 12	700	800

MILCOR GALVANIZED WALL STACK, ELBOWS AND ANGLES (See Page 72 for Weights)

MILCOR GALVANIZED WALL STACK HEADS AND BOOTS — Weights in Lbs. Per 100 Pieces

Register Size	NOS. 101, 102, 103, 104, 301 AND 302 REGISTER HEADS
10" x 8"	200 lbs.
12" x 8"	230 lbs.
12" x 9"	240 lbs.
13" x 11"	275 lbs.

Throat Size	NOS. 129, 132, 138, 140, 311, 314, 317 AND 340 BOOTS
10" x 61/8"	130 lbs.
12" x 61/8"	140 lbs.
12" x 71/8"	160 lbs.
13" x 145/8"	250 lbs.

MILCOR GALVANIZED FLOOR REGISTER PANS — Weights in Lbs. Per 100 Pieces

Register Size	FUNNEL OR 6" DEEP PAN	12" DEEP PAN	Register Size	FUNNEL OR 6" DEEP PAN	12" DEEP PAN
8" x 10"	145 lbs.	242 lbs.	12" x 14"	200 lbs.	334 lbs.
9" x 12"	160 lbs.	267 lbs.	14" x 16"	235 lbs.	
10" x 12"	175 lbs.	292 lbs.			

Register Size	NOS. 107 AND 108 FLOOR PANS
10" x 8"	200 lbs.
12" x 9"	230 lbs.

MILCOR GALVANIZED COLD AIR RETURN SHOES, TRANSITION HEADS & CEILING PLATES

Collar Size	STYLES "G" & "H" COLD AIR SHOES Weights Per 100 Pcs.	STYLE "E" TRANSITION HEAD Weights Per 100 Pcs.	STYLE "F" CEILING PLATE Weights Per 100 Pcs.
14"	850 lbs.	755 lbs.	420 lbs.
16"	1125 lbs.	830 lbs.	470 lbs.
18"	1475 lbs.	895 lbs.	525 lbs.
20"	1975 lbs.	900 lbs.	575 lbs.
22"	2600 lbs.	950 lbs.	630 lbs.
24"	3000 lbs.	1000 lbs.	685 lbs.

MILCOR GALVANIZED CASING COLLARS AND CLEANOUT CAPS

Collar :	STYLES A, B & C CASING COLLARS	CLEANOUT CAPS
Size	Weights Per 100 Pcs.	Weights Per 100 Pcs.
6"	45 lbs.	55 lbs.
7"	50 lbs.	70 lbs.
8"	75 lbs.	85 lbs.
9"	80 lbs.	100 lbs.
10"	85 lbs.	125 lbs.
12"	100 lbs.	160 lbs.
14"	110 lbs.	
16"	120 lbs.	
18"	140 lbs.	

MILCOR ADJUSTABLE GALVANIZED FLUE THIMBLES

Weights Per 100 Pcs.		
	4" DEEP	6" DEEP
5" to 6" to 7"	60 lbs.	90 lbs.
7" to 8" to 9"	75 lbs.	115 lbs.

SHIPPING WEIGHTS (Approximate)

MILCOR NO. 500 GALVANIZED DUCT - Weights Per 100 Joints

Size	16" JOINTS	32" JOINTS	64" JOINTS
4" x 8"	292 lbs.	551 lbs.	1070 lbs.
5" x 8"	315 lbs.	594 lbs.	1153 lbs.
6" x 8"	337 lbs.	637 lbs.	1236 lbs.
7" x 8"	360 lbs.	680 lbs.	1319 lbs.
8" x 8"	382 lbs.	722 lbs.	1402 lbs.
9" x 8"	405 lbs.	765 lbs.	1485 lbs.
10" x 8"	428 lbs.	808 lbs.	1568 lbs.
12" x 8"	473 lbs.	894 lbs.	1734 lbs.
14" x 8"	518 lbs.	979 lbs.	1900 lbs.
6" x 8"	564 lbs.	1064 lbs.	2067 lbs.
18" x 8"	609 lbs.	1150 lbs.	2232 lbs.
20" x 8"	654 lbs.	1236 lbs.	2400 lbs.
22" x 8"	700 lbs.	1321 lbs.	2565 lbs.
24" x 8"	745 lbs.	1407 lbs.	2731 lbs.
26" x 8"	790 lbs.	1492 lbs.	2897 lbs.
28" x 8"	836 lbs.	1578 lbs.	3064 lbs.
30" x 8"	881 lbs.	1664 lbs.	3230 lbs.
32" x 8"	926 lbs.	1750 lbs.	3336 lbs.
34" x 8"	977 lbs.	1835 lbs.	3562 lbs.
36" x 8" *	1017 lbs.	1920 lbs.	3728 lbs.

MILCOR GALVANIZED DUCT ELBOWS AND ANGLES — Weights Per 100 Pieces

Size	NO. 510 - 45° ANGLE	NO. 511 - 90° ELBOW	NO. 514 — 45° ANGLE	NO. 515 — 90° ELBOW
4" x 8"	114 lbs.	176 lbs.	165 lbs.	228 lbs.
5" x 8"	150 lbs.	193 lbs.	186 lbs.	248 lbs.
6" x 8"	159 lbs.	232 lbs.	203 lbs.	268 lbs.
7" x 8"	171 lbs.	264 lbs.	219 lbs.	279 lbs.
8" x 8"	184 lbs.	296 lbs.	235 lbs.	293 lbs.
9" x 8"	194 lbs.	337 lbs.	252 lbs.	312 lbs.
10" x 8"	204 lbs.	378 lbs.	270 lbs.	435 lbs.
12" x 8"	235 lbs.	387 lbs.	306 lbs.	521 lbs.
14" x 8"	245 lbs.	403 lbs.	348 lbs.	635 lbs.
16" x 8"	275 lbs.	448 lbs.	382 lbs.	728 lbs.
18" x 8"	306 lbs.	453 lbs.	478 lbs.	820 lbs.
20" x 8"	320 lbs.	498 lbs.	557 lbs.	930 lbs.
22" x 8"	340 lbs.	525 lbs.	600 lbs.	1080 lbs.
24" x 8"	360 lbs.	575 lbs.	662 lbs.	1300 lbs.
26" x 8"	380 lbs.	610 lbs.	740 lbs.	1430 lbs.
28" x 8"	400 lbs.	646 lbs.	800 lbs.	1570 lbs.
30" x 8"	420 lbs.	668 lbs.	850 lbs.	1650 lbs.
32" x 8"	450 lbs.	720 lbs.	907 lbs.	1850 lbs.
34" x 8"	475 lbs.	780 lbs.	955 lbs.	2000 lbs.
36" x 8"	510 lbs.	880 lbs.	1100 lbs.	2200 lbs.

MILCOR GALVANIZED WALL STACK, ELBOWS AND ANGLES

	NO. 700 WALL STACK	NO. 710 45° ANGLE	NOS. 711 & 717 90° ELBOW	45° ANGLE	NO. 715 90° ELBOW	NO. 760 REVERSE ELBOW
Size	Lbs. Per 100 Jts.	Lbs. Per 100 Pcs.	Lbs. Per 100 Pcs.	Lbs. Per 100 Pcs.	Lbs. Per 100 Pcs.	Lbs. Per 100 Pcs.
10" x 31/4"	350	65	90	125	140	145
12" x 31/4"	400	70	110	155	180	175
14" x 31/4"	450	80	115	190	240	225

MILCOR FORCED AIR FITTINGS — Weights in Pounds Per 100 Pieces

Size	NOS. 561, 587, 588, 589, 591 & 593 TRUNK LINE STACK ADAPTERS	NOS. 703 & 707 REGISTER HEADS	NOS. 729, 732, 738 & 740 STACK BOOTS
10" x 31/4"	150	135	125
12" x 31/4"	175	150	130
14" x 31/4"	200	175	150

Collar Size	NOS. 590, 592, 594 & 595 TRUNK LINE TRANSFORMERS	
6"	110	
7''	120	
8"	140	



<NLAND STEEL PRODUCTS COMPANY

BRANCHES CONVENIENTLY LOCATED FOR NATIONWIDE SERVICE

Inland Steel Products Company is a national organization, serving the nation through the manufacture and distribution of more than 2,000 sheet metal building products. For over half a century, these products which carry the Milcor trademark have been building an outstanding reputation for quality. Each is designed and built to a standard that demands the finest materials and most skillful craftsmanship. In addition to the items shown in this catalog, Inland Steel Products Company manufactures complete lines of Stove Pipe and Accessories, Metal Lath and Accessories, Interior Metal Trim, and Consumer Products such as, Milcor Rural Mail Boxes, Milcor Portable Bake Ovens, Milcor Airtite Heaters, Milcor Pick-Up Carts and Milcor Tool Racks.

The Milcor line is a complete line, used on all types of building jobs in every section of the country. There are Milcor products which are RIGHT for your job, and there are eleven strategically located plants and offices to assist you in obtaining them when you need them.

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Detroit 2, Mich. 690 Amsterdam Avenue Phone: Trinity 2-2330

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Los Angeles 58, Calif. 4807 E. 49th Street Phone: Jefferson 3215-3216

New York 17, N. Y. 230 Park Avenue Phone: Murray Hill 6-6295

St. Louis 10, Missouri 4215 Clayton Avenue Phone: Lucas 9464

TRADE INFORMATION

PRICES: List Prices only are given herein, except as otherwise stated.

DISCOUNTS furnished upon application to established and recognized dealers. All quotations are for prompt acceptance only, and are subject to change without notice.

Parties desiring credit must have good commercial rating, or furnish satisfactory reference, before shipment will be made, otherwise cash in advance is required.

NO GOODS WILL BE SHIPPED C.O.D. or to our order, with Draft and Bill of Lading attached, unless one-half payment is made in advance to insure acceptance.

Bills not paid at maturity are subject to sight draft, without further notice, although we much prefer that customers remit respective amounts when due.

NO EXTENSION ALLOWED, except by special agreement, to parties financially responsible.

INTEREST WILL BE ADDED on all accounts when overdue.

SHIPMENTS: When the transportation company receipts for material in good order, our responsibility ceases, although we gladly offer our assistance in the adjustment of any irregularity. Write us.

RETURNS: No material returned will be accepted unless permission to return has been granted, when a 15% handling service charge will be made.

TELEGRAMS AND TELEPHONE MESSAGES: All charges on telegrams and telephone messages to us must be prepaid. All messages from us to customers we prepay.

ASK FOR OUR LATEST PRICE SHEET APPLYING TO THIS CATALOG.

No. 500 30M 10-52

Litho in U.S.A.

MILCOR REG. U. S. PAT, OFF.

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